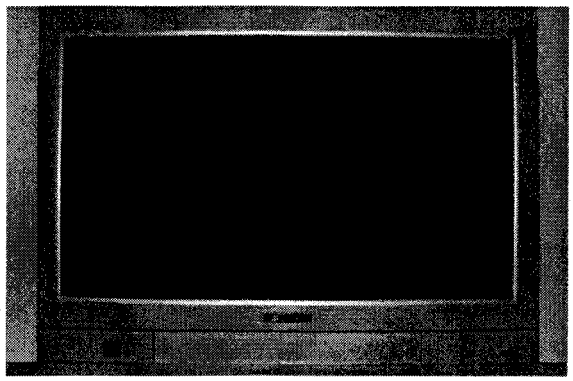
Service Manual



Colour Television
TX-28/32/36PL30D
TX-28/32/36PL30F
TX-28/32/36PL30F/P
EURO-7 Chassis

SPECIFICATIONS

Power Source:	220-240V a.c., 50Hz
Power Consumption:	120W (28") , 125W (32") , 155W (36")
Stand-by Power Consumption:	2.8W
Aerial Impedance:	75Ω unbalanced, Coaxial Type
Receiving System:	PAL I, B/G, H, D/K, PAL-525/60 SECAM L/L', B/G, D/K M.NTSC NTSC (AV only)

Receiving Channels:

VHF E2-E12	VHF H1-H2 (ITALY)
VHF A-H (ITALY)	VHF R1-R2
VHF R3-R5	VHF R6-R12
UHF E21-E69	CATV (S01-S05)
CATV S1-S10 (M1-M10)	CATV S11-S20 (U1-U10)
CATV S21-S41 (HYPERBAND)	

Intermediate Frequency:
Video/Audio

Video	38,9MHz, 34MHz
Audio	32,9MHz, 33,16MHz, 33,4MHz 40,4MHz, 32,4MHz (A2 STEREO) 33,05MHz, 34,05MHz (NICAM) 32,66MHz, 32,4MHz (CZECH STEREO)
Colour	34,47MHz (PAL) 34,5MHz, 34,65MHz (SECAM)

Terminals:

AV1 IN	Video (21 pin) 1V p-p 75Ω Audio (21 pin) 500mV rms 10kΩ RGB (21 pin)
AV1 OUT	Video (21 pin) 1V p-p 75Ω Audio (21 pin) 500mV rms 1kΩ
AV2 IN	Video (21 pin) 1V p-p 75Ω Audio (21 pin) 500mV rms 10kΩ S-Video IN (21-pin) Y: 1V p-p 75Ω C: 0.3V p-p 75Ω
AV2 OUT	Video (21 pin) 1V p-p 75Ω Audio (21 pin) 500mV rms 1kΩ Selectable output (21 pin)
AV3 IN	S-Video IN (4-pin) Y: 1V p-p 75Ω C: 0.3V p-p 75Ω Audio (RCAx2) 500mV rms 1Video Video (RCAx1) 1V p-p 75Ω
AV4 IN	Video (21 pin) 1V p-p 75Ω Audio (21 pin) 500mV rms 10kΩ S-Video IN (21-pin) Y: 1V p-p 75Ω C: 0.3V p-p 75Ω RGB (21 pin)
AV4 OUT	Video (21 pin) 1V p-p 75Ω Audio (21 pin) 500mV rms 1kΩ

High Voltage:	30.5kV ± 1kV (28") , 32kV ± 1Kv (32/36")
Picture Tube:	W66EKT10X71 66cm (28") W76EKW10X72 76cm (32") W86LPX955X07 86cm (36")
Audio Output: (Music Power)	Front Left/Right 2 x 20W 8Ω Impedance
Digital Audio Input	Coaxial / Optical
Headphones:	8Ω Impedance 3.5mm
Accessories supplied :	Remote Control 2 x R6 (UM3) Batteries

Dimensions:	**28"**	**32"**	**36"**
Height:	509mm	558mm	623mm
Width:	763mm	850mm	950mm
Depth:	512mm	549mm	580mm
Net weight:	45kg	58.5kg	79.5kg

Specifications are subject to change without notice.
Weights and dimensions shown are approximate.

NOTE: This Service Manual should be used in conjunction with the EURO-7 Technical guide.

Panasonic

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SAFETY PRECAUTIONS

GENERAL GUIDE LINES

1. It is advisable to insert an isolation transformer in the a.c. supply before servicing a hot chassis.
2. When servicing, observe the original lead dress in the high voltage circuits. If a short circuit is found, replace all parts that have been overheated or damaged by the short circuit.
3. After servicing, see that all the protective devices such as insulation barriers, insulation papers, shields and isolation R-C combinations are correctly installed.
4. When the receiver is not being used for a long period of time, unplug the power cord from the a.c. outlet.
5. Potentials as high as 33kV are present when this receiver is in operation. Operation of the receiver without the rear cover involves the danger of a shock hazard from the receiver power supply. Servicing should not be attempted by anyone who is not familiar with the precautions necessary when working on high voltage equipment. Always discharge the anode of the tube.
6. After servicing make the following leakage current checks to prevent the customer from being exposed to shock hazard.

LEAKAGE CURRENT COLD CHECK

1. Unplug the a.c. cord and connect a jumper between the two prongs of the plug.
2. Turn on the receiver's power switch.
3. Measure the resistance value with an ohmmeter, between the jumpered a.c. plug and each exposed metallic cabinet part on the receiver, such as screw heads, aerials, connectors, control shafts etc. When the exposed metallic part has a return path to the chassis, the reading should be between 4M ohm and 20M ohm. When the exposed metal does not have a return path to the chassis, the reading must be infinite.

LEAKAGE CURRENT HOT CHECK

1. Plug the a.c. cord directly into the a.c. outlet. Do not use an isolation transformer for this check.
2. Connect a 2kΩ 10W resistor in series with an exposed metallic part on the receiver and an earth, such as a water pipe.
3. Use an a.c. voltmeter with high impedance to measure the potential across the resistor.
4. Check each exposed metallic part and check the voltage at each point.
5. Reverse the a.c. plug at the outlet and repeat each of the above measurements.
6. The potential at any point should not exceed 1.4V rms. In case a measurement is outside the limits specified, there is a possibility of a shock hazard, and the receiver should be repaired and rechecked before it is returned to the customer.

X-RADIATION WARNING

1. The potential sources of X-Radiation in TV sets are the high voltage section and the picture tube.
2. When using a picture tube test jig for service, ensure that the jig is capable of handling 33kV without causing X-Radiation.

NOTE: It is important to use an accurate periodically calibrated high voltage meter.

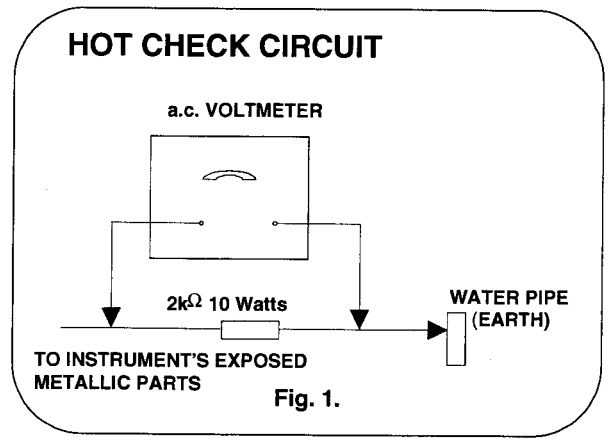


Fig. 1.

1. Set the brightness to minimum.
2. Measure the high voltage. The meter should indicate. 30.5kV ± 1kV (28") , 32kV ± 1kV (32"/36").
   If the meter indication is out of tolerance, immediate service and correction is required to prevent the possibility of premature component failure.
3. To prevent any X-Radiation possibility, it is essential to use the specified tube.

SERVICE HINTS

How to remove the rear cover

1. Remove the 10 screws as shown in **Fig.2.**

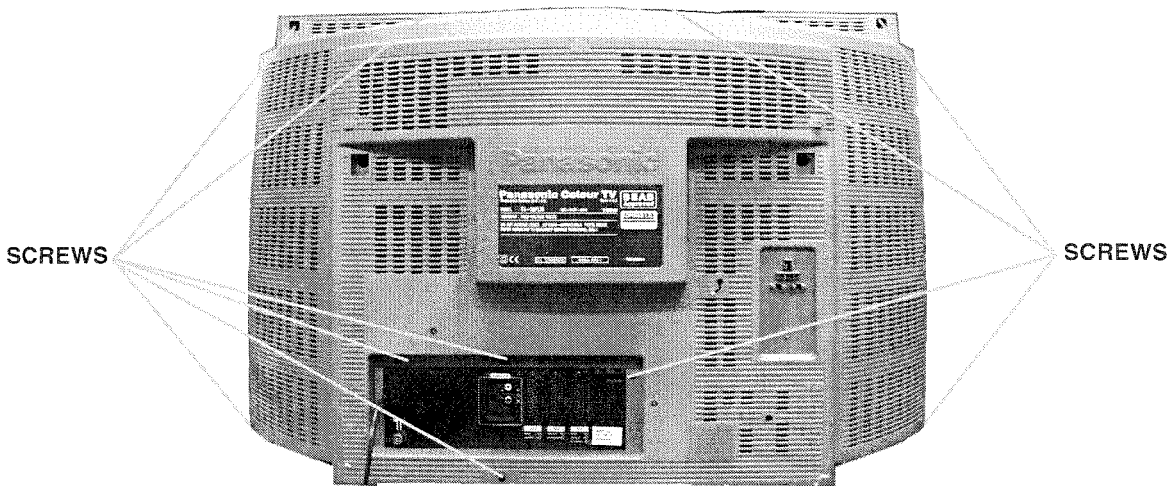


Fig.2.

LOCATION OF CONTROLS

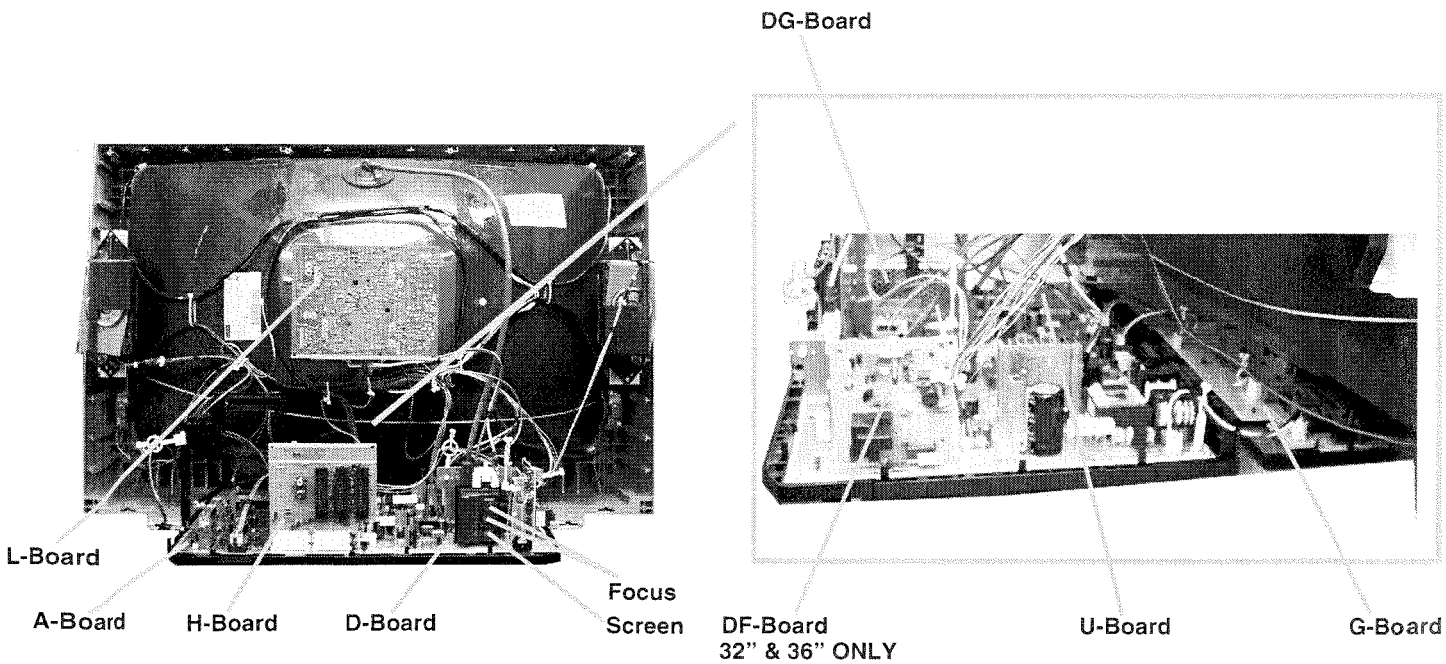


Fig.3.

ADJUSTMENT PROCEDURE

Item / Preparation	Adjustment/Confirmation
+B SET-UP 4. Receive a Window pattern. 5. Set the controls :- Brightness Minimum Contrast Minimum Volume Minimum	Confirm the following voltages. **A - Board** A1 Pin2 7.5 ± 0.5V IC1252 Pin2 2.5 ± 0.25V A1 Pin12 -20 ± 0.5V IC1251 Pin3 3.3 +0.3 / -0.2V A1 Pin16 20 ± 0.5V IC3302 Pin3 12 ± 0.6V A2 Pin15 30 ± 0.5V IC2707 Pin3 8 ± 0.4V A2 Pin6 15 ± 0.5V L2707 (IC2708) 9 ± 0.4V A3 Pin4 15 ± 0.5V L2704 (IC2706) 5 ± 0.2V A3 Pin2 -15 ± 0.5V L2716 (IC2705) 3.3 ± 0.2V L2717 (IC2709) 3.3 ± 0.2V **D – Board** TPD8-GND 7.5 ± 0.5V TPD9-TPD11 38.5 ± 2V TPD10-GND 15.5 ± 1V TPD13-GND 14.5 ± 1V TPD15-GND 144.8 ± 1V TPD32-GND 209 ± 10V C864-GND -15.5 ± 1V D2 Pin15-GND 31 ± 1V
CUT OFF 1. Receive a Window pattern. 2. Degauss the tube externally. 3. Set the TV into Service Mode 1. 4. Select Sub brightness mode.	To adjust **Cutoff** connect an oscilloscope to the Blue cathode. Adjust **"Cutoff"** value using the **"Yellow"** and **"Blue"** buttons until the black level is 170V ± 5V, press **"STR"** to store the value. Remove the oscilloscope. Select **Highlight/Lowlight** mode press **"5"** to collapse the screen and adjust the screen **"VR"** until the display is just visible, press **"5"** to return to service mode. Using the **"Yellow"** and **"Blue"** buttons adjust until optimum picture white balance is achieved, press **"STR"** to store the value. Select **Sub Brightness** mode and adjust until optimum picture brightness is achieved.

SELF CHECK

Self-Check is used to automatically check the bus lines and hexadecimal code of the TV set.
To get into Self-Check mode press the down **(-/v)** button on the customer controls at the front of the TV set, at the same time pressing the **STATUS** button on the remote control, and the screen will show: -

Factory use only

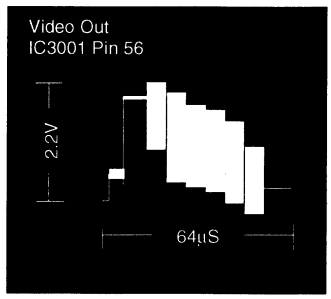
MEM	:	**O.K.**			**Sum**	:	********					
GC1	:	**O.K.**			**TX-28/32/36PL30D**			**TX-28/32/36PL30F**			**TX-28/32/36PL30F/P**	
GC2	:	**- -**	**OPTION 1:**		**0F**			**0F**			**0F**	
VDU	:	**O.K.**	**OPTION 2:**		**00**			**00**			**00**	
CIP	:	**O.K.**	**OPTION 3:**		**B0**			**B0**			**B0**	
RGB	:	**O.K.**	**OPTION 4:**		**11**			**11**			**11**	
AVSW	:	**O.K.**	**OPTION 5:**		**00**			**00**			**00**	
TUN1	:	**O.K.**	**OPTION 6:**		**50**			**50**			**50**	
TUN2	:	**- -**	**OPTION 7:**		**7F**			**77**			**77**	
DAC1	:	**O.K.**	**OPTION 8:**		**D1**			**51**			**51**	
MSP	:	**O.K.**	**OPTION 9:**		**00**			**00**			**00**	
DOLBY	:	**- -**	**OPTION 10:**		**81**			**81**			**81**	
CODEC	:	**- -**	**OPTION 11:**		**09**			**09**			**09**	
DAC2	:	**- -**	**OPTION 12:**		**20**	**00**	**40**	**20**	**00**	**40**	**20**	**00** **40**
DAC3	:	**- -**	**OPTION 13:**		**FA**			**FA**			**FA**	
			Check:		**14**	**F4**	**34**	**8C**	**6C**	**AC**	**8C**	**6C** **AC**

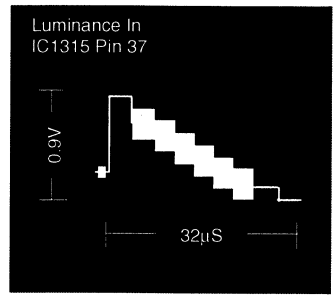
To exit Self-Check, switch off the TV set at the power button.

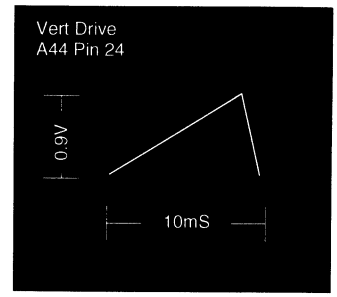
If the CCU ports have been checked and found to be incorrect or not located then " - - " will appear in place of "O.K.".

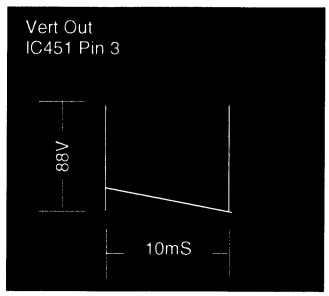
WAVEFORM PATTERN TABLE

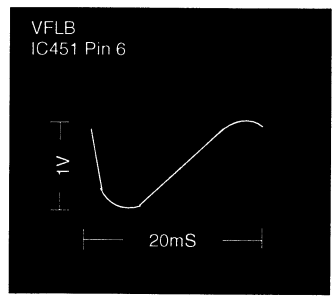
Note: All waveforms have been taken using a standard colour bar pattern.

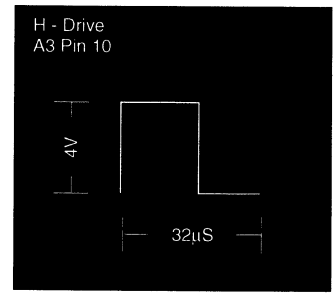


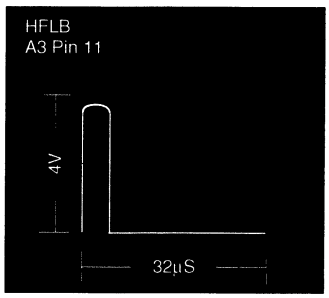


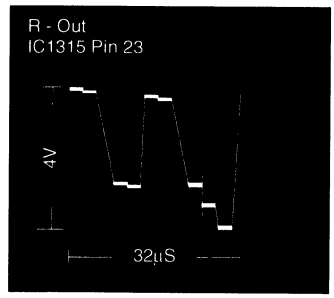


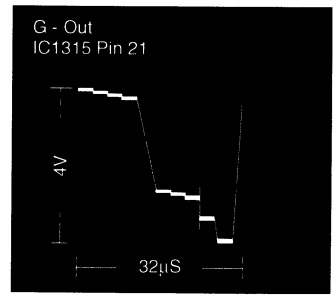


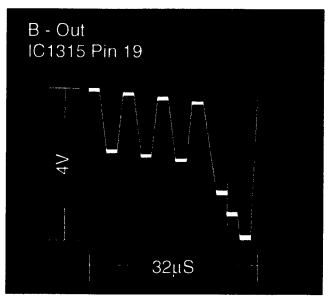


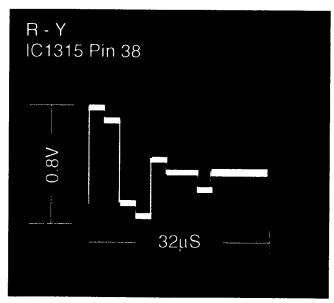


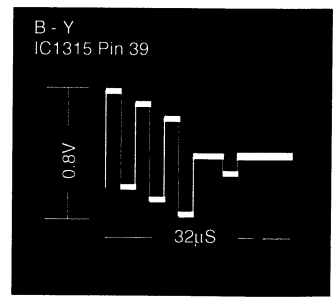


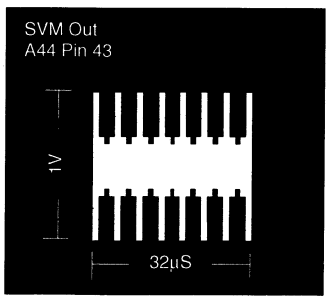


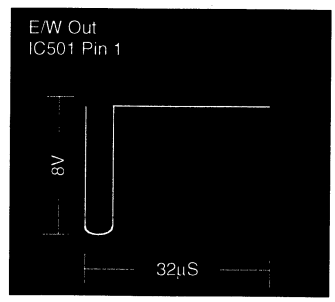












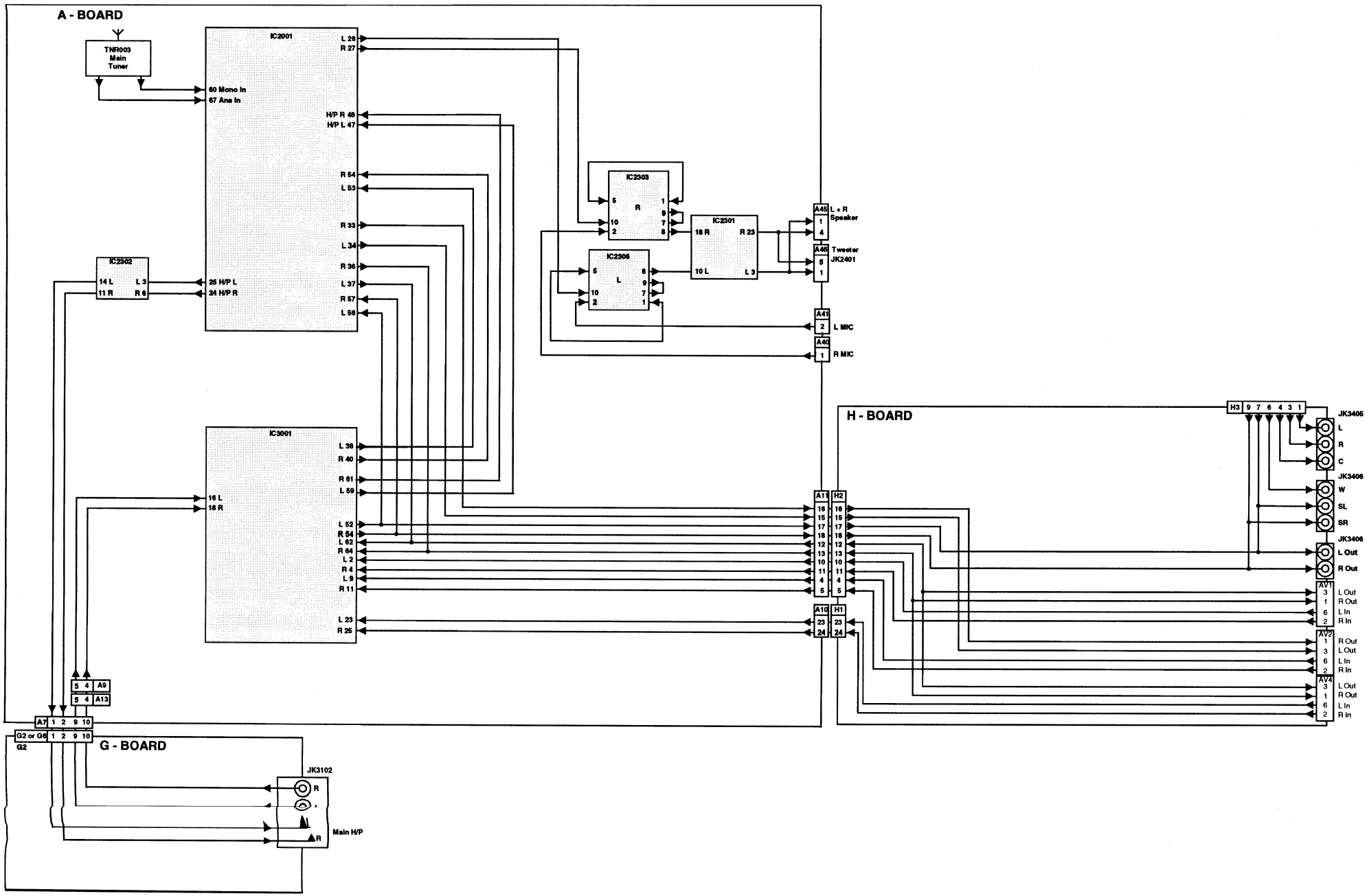
ALIGNMENT SETTINGS

(The figures below are nominal and used for representative purposes only.)

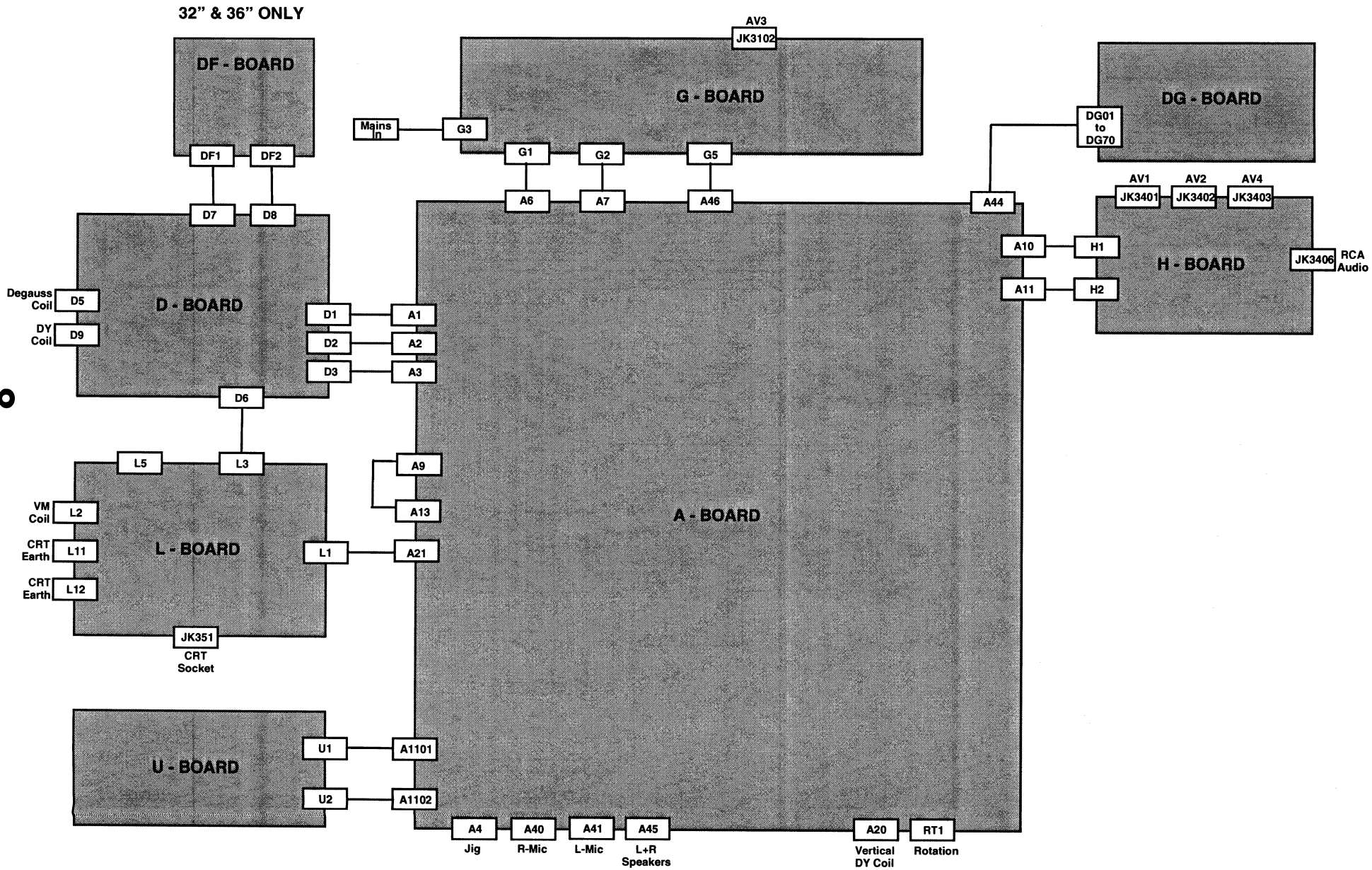
1. Set the Bass to maximum position, set the Treble to minimum position, press the down button **(- / v)** on the customer controls at the front of the TV and at the same time press the **INDEX** button on the remote control, this will place the TV into the Service Mode.
2. Press the **RED / GREEN** buttons to step up / down through the functions.
3. Press the **YELLOW / BLUE** buttons to alter the function values.
4. Press the **STR** button after each adjustment has been made to store the required values.
5. To exit the Service Mode, press the **"N"** button.

Alignment Function		**Settings / Special features**
Horizontal Position	H – Pos 97	Optimum setting.
Vertical Position	V – Pos 111	Optimum setting.
Horizontal Amplitude	H – Amp 86	Optimum setting.
Vertical Amplitude	V – Amp 134	Optimum setting.
Parabola	Parabola 26	Optimum setting.
Trapezoid	Trapezoid 124	Optimum setting.
Horizontal Parallel	H – Parallel 13	Optimum setting.
Vertical Linearity	V – Linear 34	Optimum setting.
Top Corner	Top – Corner 20	Optimum setting.
Bottom Corner	Bottom – Corner 20	Optimum setting.
Vertical Symmetry Correction	V – S – Correct 9	Optimum setting.
Center Correction	C – Correct 10	Optimum setting.
DAF - Phase	DAF – Phase 205	Optimum setting.
Highlight Lowlight	High 0144 0126 0128 Low 0331 0340 0384	Optimum setting.
Sub-Brightness	Sub-Brightness 144	Optimum setting.
Video Gain 2	Video Gain 2 157	Optimum setting.
Splitter Gain (Tuner)	SPL. Gain 0	Optimum setting.

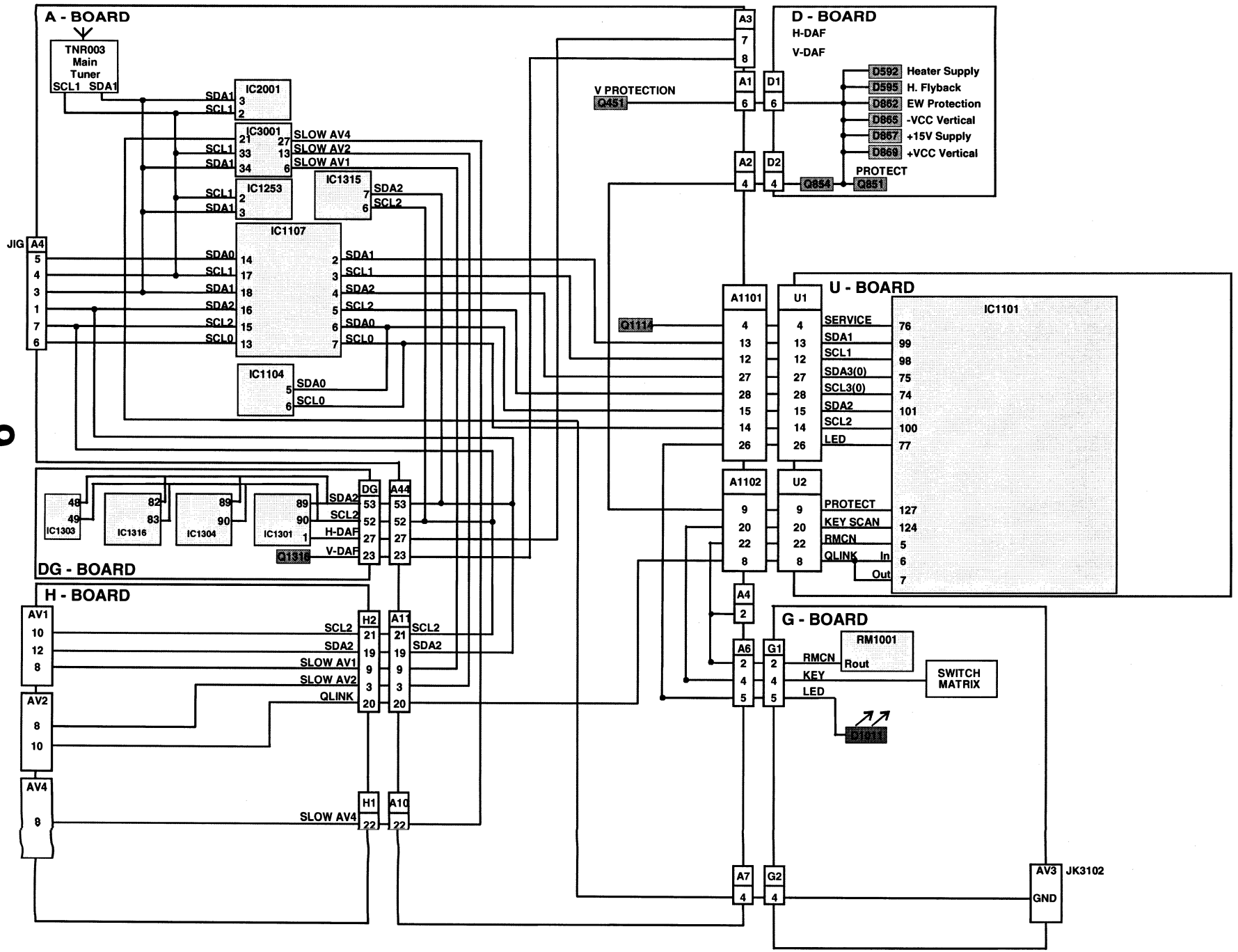
AUDIO BLOCK DIAGRAM



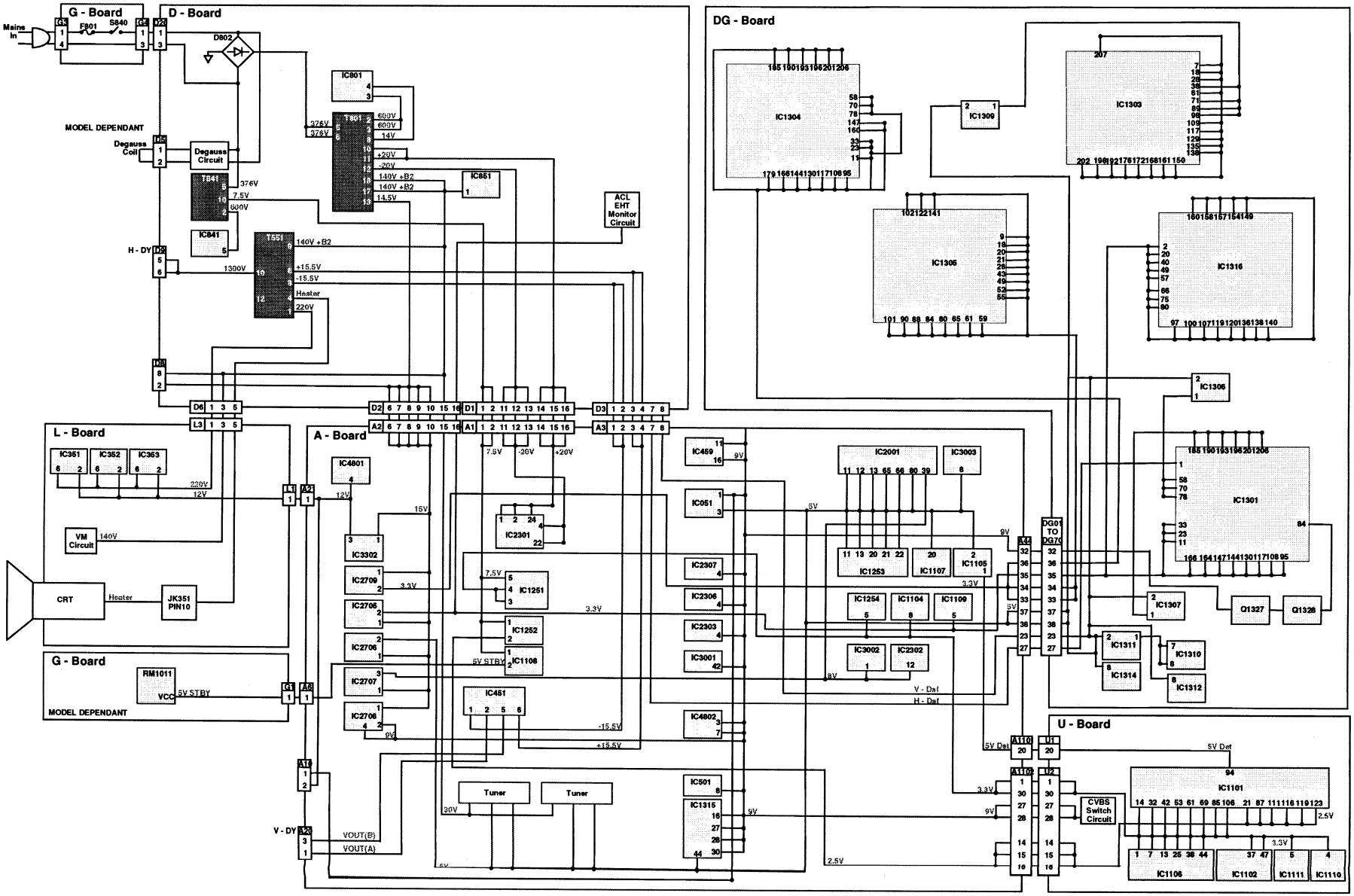
WIRING BLOCK DIAGRAM



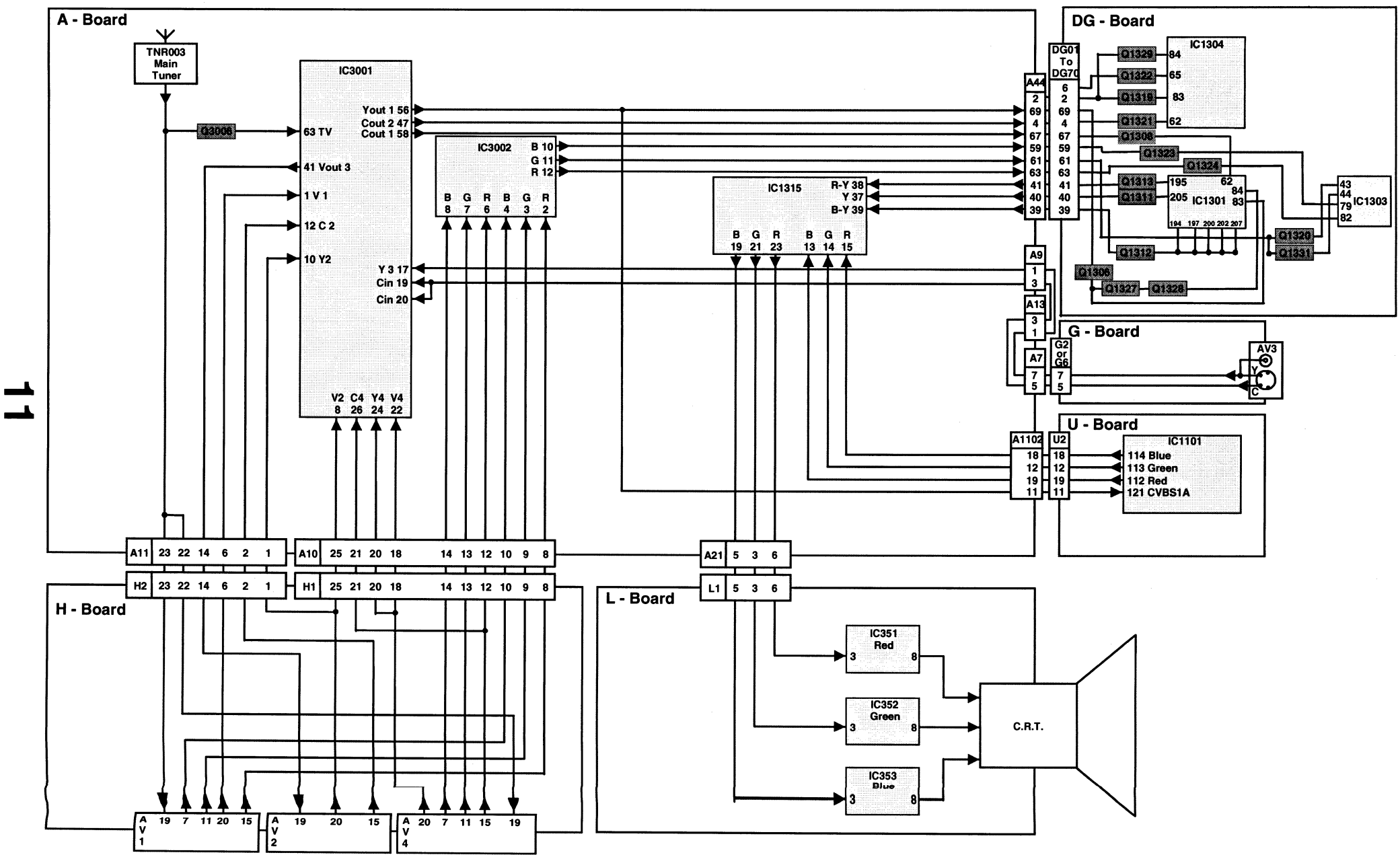
CONTROL BLOCK DIAGRAM



POWER SUPPLY BLOCK DIAGRAM

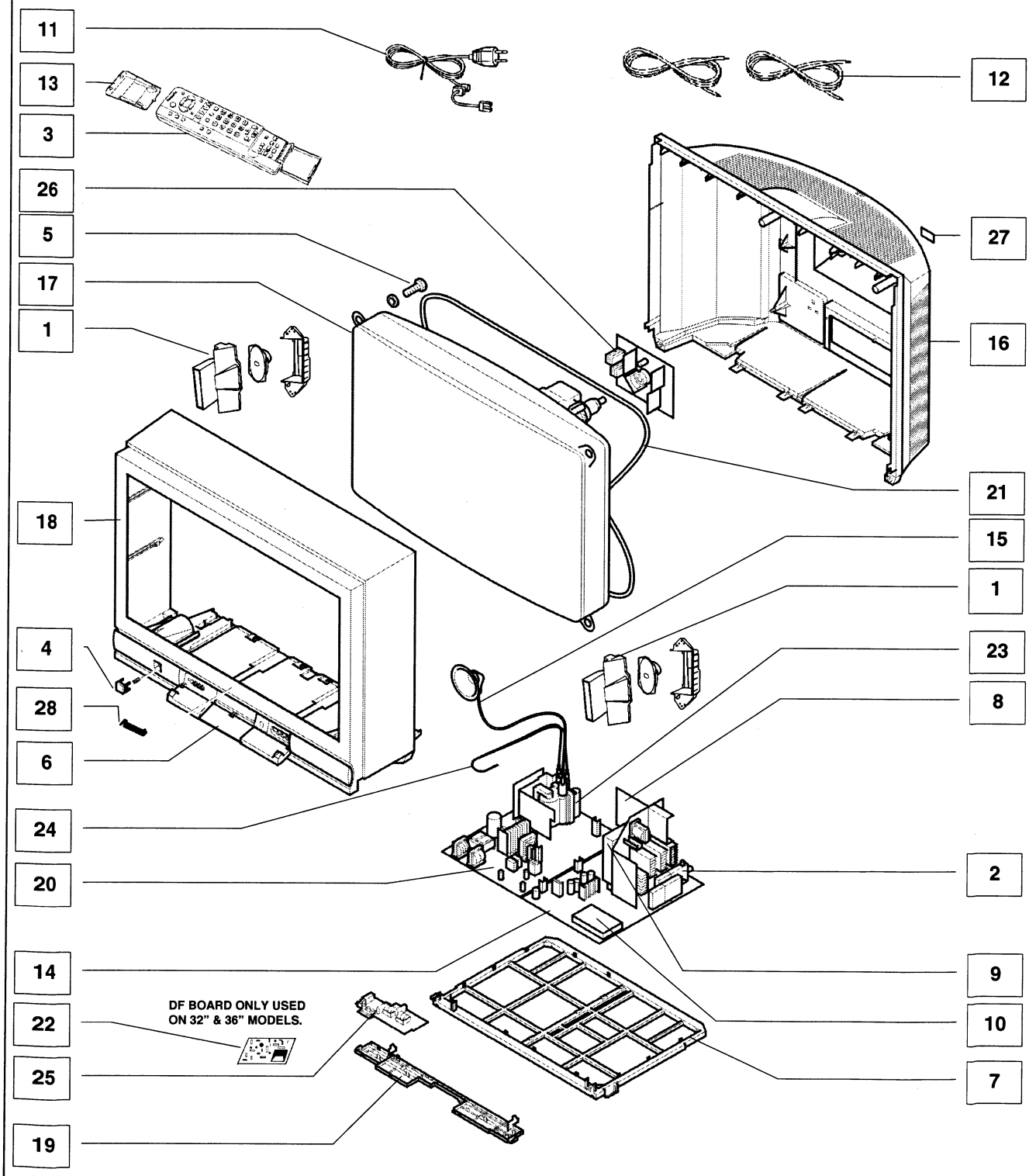


VIDEO BLOCK DIAGRAM



PARTS LOCATION

NOTE:
The numbers on the exploded view below refer to the mechanical section of the Replacement Parts List.



REPLACEMENT PARTS LIST

Important Safety Notice

Components Identified by ⚠ mark have special characteristics important for safety.
* When replacing any of these components, use only manufacturers specified parts.
In case of ordering these spare parts, please always add the complete Model-Type number to your order.

Cct Ref	Parts Number	Description	
COMMON PARTS			
EXPLODED VIEW			
1	EABG12506C2	SPEAKER	
2	ENG29508G	TUNER	⚠
3	EUR511212A	REMOTE CONTROL	⚠
4	TBX8E089	POWER BUTTON	
5	THT1062	CRT FIXING SCREW	
6	TKP8E1430	DOOR LID	
7	TMX8E050	CHASSIS FRAME	
8	TNPA1724AB	H P.C.B.	⚠
9	TNPA1725AB	DG P.C.B.	⚠
10	TNPA2042AF	U P.C.B.	⚠
11	TXASX01CTYG2	AC CORD	⚠
12	TXJ/E50CQKG	SPEAKER WIRE	⚠
13	UR51EC904A	BATTERY COVER (REMOTE)	
MISCELLANEOUS COMPONENTS			
.	TBM8E2085	AV LABEL	
.	TBM8E2137	PRESET LABEL	
.	TEK6935	LID SWITCH	
.	TKP8E1325	AV COVER	
.	TKP8E1431	LED WINDOW	
.	TMW8E042	PCB BRACKET	
.	UM-3DJ-2P	BATTERY PACK	
I.C.s			
D354	TL431CLPM	REGULATOR	
IC052	AN7805FLB	5V REGULATOR	
IC351	TDA6111Q-N4	RGB OUTPUT	
IC352	TDA6111Q-N4	RGB OUTPUT	
IC353	TDA6111Q-N4	RGB OUTPUT	
IC459	TC74HC221AF	MULTIVIBRATOR	
IC501	NJM2903MTE1	AUDIO AMPLIFIER	
IC801	STRF6656LF53	POWER SUPPLY	
IC841	MIP0254SPSCF	POWER SUPPLY SWITCHING	
IC851	SE140N	ERROR AMPLIFIER	
IC1101	SDA6000-A23	MICRO PROCESSOR	
IC1102	E2F5/020/05	EEPROM *	
IC1105	S-80843ALY-Z	5V REGULATOR	
IC1106	TVSA0500	SDRAM	
IC1107	TC7MBD3245FK	CONVERTER	
IC1108	AN78L05TA	5V REGULATOR	
IC1109	PST9119NR	SYSTEM RESET	
IC1251	SI-3033C	3.5V REGULATOR	
IC1253	M62392FP70BC	D/A CONVERTER	
IC1254	PST9128NR	RESET	
IC1303	C1AB00001282	VIDEO PROCESSOR	
IC1305	SDA9415	SCAN RATE CONVERTOR	

Cct Ref	Parts Number	Description	
IC1306	MM1065ZMR	3.3V REGULATOR	
IC1307	MM1065ZMR	3.3V REGULATOR	
IC1310	TC7WH241FUEL	VIDEO LOGIC	
IC1311	MM1065ZMR	3.3V REGULATOR	
IC1312	NJM2904VTE1	AUDIO AMPLIFIER	
IC1314	NJM2904MTE1	AUDIO AMPLIFIER	
IC1315	AN5394FB	R.G.B. PROCESSOR	
IC1316	MB87F1720	CIP	
IC2001	MSP3410DQAC5	M.S.P.	
IC2301	TDA7490	AUDIO AMPLIFIER	
IC2302	AN7108	H.P. AMPLIFIER	
IC2303	NJM2059MTE1	QUAD AMPLIFIER	
IC2306	NJM2059MTE1	QUAD AMPLIFIER	
IC2307	NJM2059MTE1	QUAD AMPLIFIER	
IC2705	PQ1CG21H2RZ	REGULATOR	
IC2706	PQ1CG21H2RZ	REGULATOR	
IC2707	AN7808LB	8V REGULATOR	
IC2708	SI-8090K	POWER SUPPLY	
IC2709	PQ1CG21H2RZ	REGULATOR	
IC3001	CXA2069Q-TL	SWITCHING	
IC3002	TDA8601T/C1	12V REGULATOR	
IC3302	L78M12MRB	12V REGULATOR	
IC4801	AN6564NS-E1	OPERATIONAL AMPLIFIER	
IC4802	PUB4301	GEOMAGNETIC CORRECTION	
RM1001	RPM6937	LED RECEIVER	
FUSES			
F801-2	EYF52BC	FUSE HOLDER	
F801-1	EYF52BC	FUSE HOLDER	
F801	XBA2C50TH15	FUSE	⚠
DIODES			
D001	MA4020	DIODE	
D002	MA4020	DIODE	
D003	MA3150HTX	DIODE	
D004	MA3150HTX	DIODE	
D010	MA152KTX	DIODE	
D351	ERA15-04V3	DIODE	
D352	ERA15-04V3	DIODE	
D353	MA3110LTX	DIODE	
D355	ERA15-04V3	DIODE	
D356	ERA15-04V3	DIODE	
D358	MA151ATX	DIODE	
D360	ERA15-02V3	DIODE	
D361	MA151ATX	DIODE	
D362	MA151ATX	DIODE	
D363	MA151ATX	DIODE	
D364	MA3130MTX	DIODE	
D365	MA3130MTX	DIODE	
D366	MA3130MTX	DIODE	
D367	MA3051HTX	DIODE	
D368	MA3051HTX	DIODE	
D369	MA3051HTX	DIODE	
D383	ERA15-04V3	DIODE	

Cct Ref	Parts Number	Description	
D385	ERA22-04V3	DIODE	
D386	ERA15-04V3	DIODE	
D389	ERA15-04V3	DIODE	
D452	MA152KTX	DIODE	
D453	EU02AV1	DIODE	
D454	MA152KTX	DIODE	
D455	MA152KTX	DIODE	
D456	ERA22-02V3	DIODE	
D465	MA3039HTX	DIODE	
D502	MA4150TA	DIODE	
D503	ERA81004V3	DIODE	
D504	D1NL40V70	DIODE	
D553	MA167TA5	DIODE	
D554	EU02	DIODE	
D555	RH3GLF102	DIODE	
D557	MA1033MTA	DIODE	
D558	AU02V0	DIODE	
D559	FMV-3GULF730	DIODE	
D560	MA165TA5	DIODE	
D562	MA182TA	DIODE	
D570	RU3ANV1	DIODE	
D580	MA4360	DIODE	
D591	MA165TA5	DIODE	
D592	MA4104	DIODE	
D593	ERA15-02V3	DIODE	
D594	MA165TA5	DIODE	
D595	MA4360MTA	DIODE	
D701	D1NL40V70	DIODE	
D802	D6SB80LF-B	DIODE	
D805	MA2240-BLFS	DIODE	
D809	MA2082-ALFS	DIODE	
D811	MA2082-ALFS	DIODE	
D819	ERA22-04V3	DIODE	
D820	ERA22-04V3	DIODE	
D821	ERA22-04V3	DIODE	
D823	PC123FY2	DIODE	⚠
D825	232266296706	THERMISTOR	⚠
D826	232266296706	THERMISTOR	⚠
D843	ERC0510V1	DIODE	
D844	TVSSR2KL	DIODE	
D845	RY24V1	DIODE	
D847	ERA22-10	DIODE	
D848	PC123FY2	DIODE	⚠
D851	FMGG26S	DIODE	
D852	MA4030LTA	DIODE	
D853	RU2AMLFA1	DIODE	
D854	RU2AMLFA1	DIODE	
D856	EU02	DIODE	
D857	FMGG26S	DIODE	
D858	MA165TA5	DIODE	
D859	MA165TA5	DIODE	
D861	MA165TA5	DIODE	
D862	MA4360MTA	DIODE	
D865	MA165TA5	DIODE	
D867	MA165TA5	DIODE	
D869	MA165TA5	DIODE	
D881	MA165TA5	DIODE	
D885	MA4056HTA	DIODE	
D886	MA165TA5	DIODE	
D887	MA165TA5	DIODE	
D888	EU02	DIODE	
D891	ERC0510V1	DIODE	
D953	R2KNLFA1	DIODE	
D961	MA152KTX	DIODE	
D1011	LNH201RFCF6	LED	
D1012	MTZJT-775.1C	DIODE	

Cct Ref	Parts Number	Description
D1152	MA152KTX	DIODE
D1153	MA152KTX	DIODE
D1302	MA152KTX	DIODE
D1305	MA704ATX	DIODE
D1306	MA3062MTX	DIODE
D1307	MA3091MTX	DIODE
D1308	MA152KTX	DIODE
D1309	MA152KTX	DIODE
D1310	MA3062MTX	DIODE
D1311	MA3062MTX	DIODE
D1312	MA3062MTX	DIODE
D1313	MA3043MTX	DIODE
D1315	MA3043MTX	DIODE
D2040	MA152KTX	DIODE
D2041	MA152KTX	DIODE
D2048	MA152KTX	DIODE
D2301	TVSRM26V1	DIODE
D2302	MTZJT-775.6B	DIODE
D2305	MA3047MTX	DIODE
D2306	MA29TA5	DIODE
D2311	MA1180HTA	DIODE
D2312	MA3130MTX	DIODE
D2313	MA152KTX	DIODE
D2314	MA152KTX	DIODE
D2316	MA152KTX	DIODE
D2711	RK34LFC4	DIODE
D2712	AK04V0	DIODE
D2713	RK34LFC4	DIODE
D2714	RK34LFC4	DIODE
D3003	MA3091LTX	DIODE
D3004	MA3091LTX	DIODE
D3103	MA165TA5	DIODE
D3104	MA165TA5	DIODE
TRANSISTORS		
Q002	BC857B	TRANSISTOR
Q369	BC857B	TRANSISTOR
Q451	BC847B	TRANSISTOR
Q460	BC847B	TRANSISTOR
Q461	BC847B	TRANSISTOR
Q462	BC847B	TRANSISTOR
Q501	2SK2962TPE6	TRANSISTOR
Q551	2SC5591000RK	TRANSISTOR
Q552	2SC1473ATA	TRANSISTOR
Q703	2SK2538000LB	TRANSISTOR
Q805	2SK2123000LB	TRANSISTOR
Q851	2SA1018QTA	TRANSISTOR
Q854	2SC3311ATA	TRANSISTOR
Q874	2SA684R	TRANSISTOR
Q875	2SA720-RS	TRANSISTOR
Q881	2SC3311ATA	TRANSISTOR
Q882	2SC3311ATA	TRANSISTOR
Q883	2SC1317-TA	TRANSISTOR
Q902	BC847B	TRANSISTOR
Q903	BC847B	TRANSISTOR
Q908	BC847B	TRANSISTOR
Q951	BC857B	TRANSISTOR
Q952	BC847B	TRANSISTOR
Q953	BC847B	TRANSISTOR
Q954	BC857B	TRANSISTOR
Q955	2SA1535ARLB	TRANSISTOR
Q956	2SC3944ARLB	TRANSISTOR
Q1003	2SC3311ATA	TRANSISTOR
Q1107	BC847B	TRANSISTOR
Q1108	BC847B	TRANSISTOR
Q1109	BC847B	TRANSISTOR
Q1110	BC847B	TRANSISTOR

Cct Ref	Parts Number	Description	
Q1111	BC847B	TRANSISTOR	
Q1112	BC847B	TRANSISTOR	
Q1113	BC847B	TRANSISTOR	
Q1114	BC847B	TRANSISTOR	
Q1115	BC847B	TRANSISTOR	
Q1121	BC847B	TRANSISTOR	
Q1122	BC847B	TRANSISTOR	
Q1125	BC847B	TRANSISTOR	
Q1301	BC847B	TRANSISTOR	
Q1302	BC847B	TRANSISTOR	
Q1303	BC847B	TRANSISTOR	
Q1305	BC847B	TRANSISTOR	
Q1306	BC857B	TRANSISTOR	
Q1307	XN5601TX	TRANSISTOR	
Q1308	BC857B	TRANSISTOR	
Q1309	BC857B	TRANSISTOR	
Q1311	BC857B	TRANSISTOR	
Q1312	BC857B	TRANSISTOR	
Q1313	BC857B	TRANSISTOR	
Q1314	BC857B	TRANSISTOR	
Q1315	BC857B	TRANSISTOR	
Q1316	BC857B	TRANSISTOR	
Q1318	BC857B	TRANSISTOR	
Q1320	BC857B	TRANSISTOR	
Q1323	BC857B	TRANSISTOR	
Q1324	BC857B	TRANSISTOR	
Q1327	2SK198RTX	TRANSISTOR	
Q1328	BC847B	TRANSISTOR	
Q1331	2SK198RTX	TRANSISTOR	
Q1336	BC857B	TRANSISTOR	
Q1340	BC847B	TRANSISTOR	
Q1342	BC847B	TRANSISTOR	
Q2002	BC857B	TRANSISTOR	
Q2003	BC857B	TRANSISTOR	
Q2004	BC857B	TRANSISTOR	
Q2005	BC857B	TRANSISTOR	
Q2006	BC847B	TRANSISTOR	
Q2007	BC847B	TRANSISTOR	
Q2008	BC847B	TRANSISTOR	
Q2040	BC847B	TRANSISTOR	
Q2041	BC847B	TRANSISTOR	
Q2042	BC847B	TRANSISTOR	
Q2043	BC847B	TRANSISTOR	
Q2213	BC847B	TRANSISTOR	
Q2214	BC847B	TRANSISTOR	
Q2215	BC847B	TRANSISTOR	
Q2216	BC847B	TRANSISTOR	
Q2301	BC847B	TRANSISTOR	
Q2302	BC847B	TRANSISTOR	
Q2303	BC847B	TRANSISTOR	
Q2308	BC857B	TRANSISTOR	
Q2309	BC847B	TRANSISTOR	
Q2311	BC847B	TRANSISTOR	
Q3001	BC847B	TRANSISTOR	
Q3002	BC847B	TRANSISTOR	
Q3006	BC857B	TRANSISTOR	
Q3007	BC847B	TRANSISTOR	
Q3071	BC847B	TRANSISTOR	
Q3072	BC847B	TRANSISTOR	
Q3401	BC857B	TRANSISTOR	
Q3807	BC847B	TRANSISTOR	
Q3808	BC847B	TRANSISTOR	
TRANSFORMERS			
L810	ETQR45T001A	TRANSFORMER	⚠
T501	ETH19Y187AY	TRANSFORMER	⚠
T801	ETS39AG296AC	TRANSFORMER	⚠

Cct Ref	Parts Number	Description	
T841	ETS19AB1G6AG	TRANSFORMER	⚠
COILS			
L002	ELESN2R2KA	COIL	
L003	ELESN2R2KA	COIL	
L008	EXCELDR35V	COIL	
L009	ELESN101KA	COIL	
L351	EXCELSA24T	COIL	
L381	ELESN6R8JA	COIL	
L382	ELESN4R7KA	COIL	
L383	ELESN4R7KA	COIL	
L387	EXCELDR35V	COIL	
L559	EXCELDR35C	COIL	
L560	EXCELDR35V	COIL	
L561	EXCELDR35C	COIL	
L563	EXCELSA39V	COIL	
L568	EXCELDR35C	COIL	
L571	EXCELDR35C	COIL	
L701	TALFP15B152K	COIL	
L703	EXCELSA35T	COIL	
L704	EXCELDR35V	COIL	
L812	EXCELSA39V	COIL	
L815	EXCELSA39V	COIL	
L818	EXCELSA39V	COIL	
L860	TALL08T100KA	COIL	
L862	TALL08T680KA	COIL	
L874	EXCELSA35T	COIL	
L877	EXCELSA35T	COIL	
L883	TALL08T181KA	COIL	
L890	ELF18D486D	COIL	
L891	ELF18D486D	COIL	
L895	EXCELSA35T	COIL	
L904	TLT560K991R	COIL	
L953	EXCELSA35T	COIL	
L954	EXCELSA35T	COIL	
L956	EXCELSA35T	COIL	
L1103	TALC325T4R7M	COIL	
L1104	TALC325T4R7M	COIL	
L1106	ELESN4R7KA	COIL	
L1107	TALC325T4R7M	COIL	
L1108	TALC325T4R7M	COIL	
L1109	TALC325T4R7M	COIL	
L1110	TALC325T4R7M	COIL	
L1111	ELESN4R7KA	COIL	
L1112	EXCELDR35V	COIL	
L1115	TALC325T3R3M	COIL	
L1116	TALC325T4R7M	COIL	
L1300	TALC325T4R7M	COIL	
L1303	TALC168T2R2K	COIL	
L1304	TALC325T4R7M	COIL	
L1305	TALC168T3R3K	COIL	
L1306	TALC325T4R7M	COIL	
L1308	TALC325T100K	COIL	
L1309	TALC325T4R7M	COIL	
L1310	TALC325T4R7M	COIL	
L1311	TALC325T4R7M	COIL	
L1312	EXCELDR35V	COIL	
L1313	TALC325T4R7M	COIL	
L1314	TALC325T4R7M	COIL	
L1316	TALC325T4R7M	COIL	
L1318	TALC325T4R7M	COIL	
L1320	TALC325T100K	COIL	
L1321	TALC325T4R7M	COIL	
L1322	EXCELDR35V	COIL	
L1330	TALC325T4R7M	COIL	
L2001	EXCELDR35V	COIL	
L2002	EXCELDR35V	COIL	

Cct Ref	Parts Number	Description	
L2004	TLT068K991R	COIL	
L2007	EXCELDR35V	COIL	
L2008	EXCELDR35V	COIL	
L2009	TALC325T4R7M	COIL	
L2010	TALC325T4R7M	COIL	
L2278	EXCELSA35T	COIL	
L2301	TALL08T100KA	COIL	
L2302	TALL08T100KA	COIL	
L2303	TAL10RP390LB	COIL	⚠
L2305	TAL10RP390LB	COIL	⚠
L2311	ELESN101KA	COIL	
L2314	EXCELDR35V	COIL	
L2316	EXCELDR35V	COIL	
L2321	EXCELDR35V	COIL	
L2322	EXCELDR35V	COIL	
L2323	EXCELDR35V	COIL	
L2324	EXCELDR35V	COIL	
L2325	EXCELDR35V	COIL	
L2523	ELEBR6R8KA	COIL	
L2524	ELEBR6R8KA	COIL	
L2527	EXCELSA35T	COIL	
L2703	EXCELDR35V	COIL	
L2704	TALL08T330KA	COIL	
L2705	EXCELDR35V	COIL	
L2706	TAL10RP151LB	COIL	
L2707	EXCELDR35V	COIL	
L2708	EXCELDR35V	COIL	
L2709	TLPF095	COIL	
L2710	EXCELDR35V	COIL	
L2712	TAL10RP151LB	COIL	
L2713	EXCELDR35V	COIL	
L2714	EXCELDR35V	COIL	
L2715	EXCELDR35V	COIL	
L2716	TALL08T330KA	COIL	
L2717	TALL08T330KA	COIL	
L2718	TLPF095	COIL	
L2719	TLPF095	COIL	
L2722	EXCELDR35V	COIL	
L2724	EXCELDR35V	COIL	
L2725	EXCELDR35V	COIL	
L2727	EXCELDR35V	COIL	
L2729	EXCELDR35V	COIL	
L2730	EXCELDR35V	COIL	
L2732	EXCELDR35V	COIL	
L2734	EXCELDR35V	COIL	
L2735	EXCELDR35V	COIL	
L3004	ELESN4R7KA	COIL	
L3050	ELESN221KA	COIL	
L3401	EXCELSA35T	COIL	
L3402	EXCELSA35T	COIL	
L3403	EXCELDR35V	COIL	
L3404	EXCELDR35V	COIL	
L3405	EXCELDR35V	COIL	
L3406	EXCELDR35V	COIL	
L3407	EXCELDR35V	COIL	
L3408	EXCELDR35V	COIL	
L3409	EXCELDR35V	COIL	
L3410	EXCELDR35V	COIL	
L3411	EXCELDR35V	COIL	
L3412	EXCELDR35V	COIL	
L3413	EXCELDR35V	COIL	
L3414	EXCELDR35V	COIL	
L3415	EXCELDR35V	COIL	
L3420	ELESN4R7KA	COIL	
L3424	EXCELDR25V	COIL	
L4801	EXCELDR35V	COIL	

Cct Ref	Parts Number	Description
L4802	EXCELDR35V	COIL
L4803	EXCELDR35V	COIL
L4804	EXCELDR35V	COIL
LC1101	TLK212T256AL	COIL
LC1102	TLK212T256AL	COIL
LC1104	TLK212T256AL	COIL
LC1105	TLK212T256AL	COIL
LC1106	TLK212T256AL	COIL
LC1110	TLK212T256AL	COIL
LC1111	TLK212T256AL	COIL
LC1112	TLK212T256AL	COIL
LC1113	TLK212T256AL	COIL
LC1114	TLK20LFA224M	COIL
LC1115	TLK20LFA103M	COIL
LC1116	TLK20LFA103M	COIL
LC1117	TLK20LFA103M	COIL
LC1118	TLK20LFA103M	COIL
LC1119	TLK20LFA103M	COIL
LC1120	TLK20LFA103M	COIL
LC1121	TLK20LFA224M	COIL
LC1122	TLK20LFA224M	COIL
LC1123	TLK20LFA224M	COIL
LC1124	TLK20LFA224M	COIL
LC1125	TLK20LFA103M	COIL
LC1126	TLK20LFA103M	COIL
LC1127	TLK20LFA103M	COIL
LC1128	TLK20LFA103M	COIL
LC1130	TLK20LFA103M	COIL
LC1131	TLK20LFA103M	COIL
LC1132	TLK20LFA103M	COIL
LC1133	TLK20LFA103M	COIL
LC1134	TLK20LFA103M	COIL
LC1135	TLK212T256AL	COIL
LC1136	TLK20LFA103M	COIL
LC1137	TLK20LFA103M	COIL
LC1138	TLK20LFA103M	COIL
LC1139	TLK20LFA103M	COIL
LC1140	TLK212T256AL	COIL
LC1141	TLK20LFA103M	COIL
LC1142	TLK20LFA103M	COIL
LC1143	TLK20LFA103M	COIL
LC1144	TLK212T256AL	COIL
LC1145	TLK212T256AL	COIL
LC1146	TLK212T256AL	COIL

FILTERS

L893	ELF24V032B	FILTER
L894	ELF24V034A	FILTER
LC1107	ELKE103FA	FILTER
LC1108	ELKE103FA	FILTER
LC1109	ELKE103FA	FILTER
LC1147	ELKE103FA	FILTER
LC1329	ELKE103FA	FILTER
LC1330	ELKE103FA	FILTER
LC1332	ELKE103FA	FILTER
LC1333	ELKE103FA	FILTER
LC1343	QJT1090	EMI FILTER
LC1344	QJT1090	EMI FILTER
X101	EFCT6504BF	FILTER
X102	EFCT7004BF	CERAMIC FILTER

CRYSTALS

X1301	TSSA171	CRYSTAL
X2101	TSSA128	CRYSTAL
X3501	H0J600400006	CRYSTAL

RESISTORS

C025	ERJ6GEY0R00	S.M.CARB	0.1W	5%	Ω

Cct Ref	Parts Number	Description			
C572	ERD25TC0T	CARBON	0.25W	5%	0 Ω
D842	ERZV10D621CS	VARISTOR	10W	20%	620 Ω
JA1	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JA2	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JA3	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JA4	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JA5	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JA6	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JA7	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JA8	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JA9	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JA10	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JA11	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JA12	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JA13	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JA14	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JA15	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JA16	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JA17	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JA18	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JA19	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JA20	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JA21	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JA22	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JA23	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JA24	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JA25	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JA26	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JA27	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JA28	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JA29	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JA30	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JA31	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JA32	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JA33	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JA34	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JA35	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JA36	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JA37	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JA38	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JA39	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JA40	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JA41	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JA42	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JA43	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSA3	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSA5	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
JSA6	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
JSA18	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSA19	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSA20	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSA21	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSA22	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSA27	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSA28	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSA31	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSA33	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSA34	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSA35	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSA36	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSA42	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSA45	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSA46	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSA47	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSA48	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSA52	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω

Cct Ref	Parts Number	Description			
JSA53	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSA55	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSA57	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSA59	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSA62	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSA64	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSA65	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSA66	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSA67	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSA69	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSA71	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSA74	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSA75	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSA82	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSA84	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSA89	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSA90	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSA101	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG2	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG3	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG4	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG6	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG7	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG9	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG11	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG12	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG13	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG16	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG17	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG18	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG19	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG20	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG21	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG22	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG23	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG24	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG25	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG26	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG27	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG28	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG29	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG30	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG31	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG32	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG35	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG36	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG56	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG57	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG58	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG59	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG60	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG61	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG62	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG63	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG64	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG65	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG66	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG67	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG68	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG76	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG79	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG80	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG81	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG82	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG83	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG84	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω

Cct Ref	Parts Number	Description			
JSDG85	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG86	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG87	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG88	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG100	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG103	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG104	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG105	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG106	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG107	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG108	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG109	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSDG110	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSH1	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSH2	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSH3	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSH8	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSL10	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSL14	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
JSU3	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
L1101	ERD25TC0T	CARBON	0.25W	5%	0 Ω
L1307	ERD25TC0T	CARBON	0.25W	5%	0 Ω
L2315	ERD25TC0T	CARBON	0.25W	5%	0 Ω
L2317	ERD25TC0T	CARBON	0.25W	5%	0 Ω
L2318	ERD25TC0T	CARBON	0.25W	5%	0 Ω
L2319	ERDS1FVJ390	CARBON	1W	5%	39 Ω
L2320	ERDS1FVJ390	CARBON	1W	5%	39 Ω
L3002	ERD25TC0T	CARBON	0.25W	5%	0 Ω
L3003	ERD25TC0T	CARBON	0.25W	5%	0 Ω
R001	ERJ6GEYJ393	S.M.CARB	0.1W	5%	39K Ω
R002	ERJ6GEYJ683	S.M.CARB	0.1W	5%	68K Ω
R003	ERJ6GEYJ683	S.M.CARB	0.1W	5%	68K Ω
R005	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R008	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω
R351	ERJ6GEYJ821	S.M.CARB	0.1W	5%	820 Ω
R352	ERJ6ENF1801	S.M.CARB	0.1W	1%	1.8K Ω
R354	ERG3FJS823	METAL	3W	5%	82K Ω
R355	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R356	ERJ6GEYJ822	S.M.CARB	0.1W	5%	8K2 Ω
R357	ERC12GK471C	SOLID	0.5W	5%	470 Ω
R360	ERJ6GEYJ561	S.M.CARB	0.1W	5%	560 Ω
R361	ERJ6ENF1801	S.M.CARB	0.1W	1%	1.8K Ω
R362	ERG3FJS823	METAL	3W	5%	82K Ω
R364	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R365	ERJ6GEYJ822	S.M.CARB	0.1W	5%	8K2 Ω
R366	ERC12GK561	SOLID	0.5W	10%	560 Ω
R370	ERJ6GEYJ271	S.M.CARB	0.1W	5%	270 Ω
R371	ERJ6ENF1801	S.M.CARB	0.1W	1%	1.8K Ω
R373	ERG3FJ823	METAL	3W	5%	82K Ω
R374	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R375	ERJ6GEYJ822	S.M.CARB	0.1W	5%	8K2 Ω
R376	ERC12GK561	SOLID	0.5W	10%	560 Ω
R382	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R385	ERJ6GEYJ184	S.M.CARB	0.1W	5%	180K Ω
R387	ERDS1TJ471	CARBON	0.5W	5%	470 Ω
R453	ERJ6GEYJ393	S.M.CARB	0.1W	5%	39K Ω
R454	ERJ6GEYJ123	S.M.CARB	0.1W	5%	12K Ω
R455	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R456	ERG3FJ221	METAL	3W	5%	220 Ω
R457	ERJ6ENF7151	S.M.CARB	0.1W	1%	7K15 Ω
R458	ERJ6ENF3481	S.M.CARB	0.1W	1%	3K48 Ω
R459	ERJ6ENF9531	S.M.CARB	0.1W	1%	9K53 Ω
R460	ERJ6ENF3011	S.M.CARB	0.1W	1%	300 Ω
R461	ERDS1FJ1R0	CARBON	0.5W	5%	1 Ω ⚠
R462	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R463	ERJ6GEYJ563	S.M.CARB	0.1W	5%	56K Ω

Cct Ref	Parts Number	Description			
R464	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R465	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R467	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470 Ω
R468	ERJ6GEYJ224	S.M.CARB	0.1W	5%	220K Ω
R469	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω
R470	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R471	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R472	ERJ6GEYJ272	S.M.CARB	0.1W	5%	2K7 Ω
R475	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R507	ERDS2TJ104T	CARBON	2W	5%	100K Ω
R508	ERD25TJ271	CARBON	0.25W	5%	270 Ω
R510	ERG1FJS561	METAL	1W	5%	560 Ω
R511	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R512	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2 Ω
R513	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R514	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R551	ERD25TJ103	CARBON	0.25W	5%	10K Ω
R552	ERDS2TJ223T	CARBON	2W	5%	22K Ω
R557	ERO50PKF2802	METAL	0.5W	1%	8K Ω ⚠
R564	ERO25CKF1002	METAL	0.25W	1%	10K Ω ⚠
R566	ERDS2TJ222T	CARBON	0.5W	5%	2K2 Ω
R569	ERDS2TJ222T	CARBON	0.5W	5%	2K2 Ω
R570	ERDS2TJ222T	CARBON	0.5W	5%	2K2 Ω
R577	ERG3FJ331	METAL	3W	5%	330 Ω ⚠
R578	ERG3FJ331	METAL	3W	5%	330 Ω ⚠
R580	ERDS2TJ223T	CARBON	2W	5%	22K Ω
R584	ERD25TJ272F	CARBON	0.25W	5%	2K7 Ω
R592	ERO25TKF1132	METAL	0,25W	1%	1K13 Ω
R593	ERQ14AJW100	FUSIBLE	0.25W	5%	10 Ω ⚠
R594	ERD25TJ334	CARBON	0.25W	5%	330K Ω
R647	ERJ6GEYJ680	S.M.CARB	0.1W	5%	68 Ω
R652	ERJ6GEYJ331	S.M.CARB	0.1W	5%	330 Ω
R653	ERJ6GEYJ331	S.M.CARB	0.1W	5%	330 Ω
R654	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R655	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R656	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R657	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R658	ERJ6GEYJ331	S.M.CARB	0.1W	5%	330 Ω
R705	ERF5ZJ471	WOUND	5W	5%	470 Ω
R714	ERDS1FJ680	CARBON	0.5W	5%	68 Ω
R719	ERF5AK4R7	WOUND	5W	1%	4R7 Ω
R779	ERJ6ENF1152	S.M.CARB	0.1W	1%	1K5 Ω
R780	ERJ6GEYJ822	S.M.CARB	0.1W	5%	8K2 Ω
R781	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R782	ERDS2TJ391T	CARBON	2W	5%	390 Ω
R783	ERJ6GEYJ682	S.M.CARB	0.1W	5%	6K8 Ω
R801	ERF7ZK2R7	WOUND	7W	20%	2R7 Ω ⚠
R803	ERG3FJS183	METAL	3W	5%	18K Ω
R804	ERG3FJS183	METAL	3W	5%	18K Ω
R807	ERC14GK824C	SOLID	0.25W	10%	820K Ω
R815	ERDS1TJ151	CARBON	0.5W	5%	150 Ω
R820	ERDS2TJ562	CARBON	2W	5%	5.6K Ω
R837	ERDS2TJ152T	CARBON	0.5W	5%	1K5 Ω
R839	ERD75TAJ825	CARBON	0.75W	5%	8M2 Ω ⚠
R841	ERF2AJ560	WOUND	2W	5%	56 Ω
R842	ERG1FJS104	METAL	1W	5%	100K Ω
R843	ERD25TJ101	CARBON	0.25W	5%	100 Ω
R851	ERDS1TJ153	CARBON	0.5W	5%	15K Ω
R853	ERD25TJ103	CARBON	0.25W	5%	10K Ω
R854	ERDS1TJ333	CARBON	0.5W	5%	33K Ω
R855	ERDS2TJ821T	CARBON	2W	5%	820 Ω
R856	ERDS2TJ562	CARBON	2W	5%	5.6K Ω
R857	ERF7ZK2R2	WOUND	7W	10%	2R2 Ω
R859	ERDS2TJ333T	CARBON	2W	5%	33K Ω
R860	ERDS1TJ182	CARBON	0.5W	10%	1K8 Ω
R861	ERDS1FJ1R0	CARBON	0.5W	5%	1 Ω ⚠

Cct Ref	Parts Number	Description				
R862	ERDS1FJ1R0	CARBON	0.5W	5%	1 Ω	⚠
R863	ERD25TJ102	CARBON	0.25W	5%	1K Ω	
R867	ERG3FJS153	METAL	3W	5%	15K Ω	
R871	ERDS2TJ332T	CARBON	2W	5%	3K2 Ω	
R872	ERDS2TJ154	CARBON	2W	5%	150K Ω	
R875	ERG3FJ220H	METAL	3W	5%	22 Ω	⚠
R876	ERQ2CJP2R7	METAL	2W	2%	2R7 Ω	
R877	ERDS1TJ103	CARBON	0.5W	5%	10K Ω	
R878	ERDS2TJ221T	CARBON	0.5W	5%	220 Ω	
R879	ERD25TJ102	CARBON	0.25W	5%	1K Ω	
R880	ERX5FJ1R0	METAL	5W	5%	1 Ω	⚠
R881	ERDS1TJ122	CARBON	0.5W	5%	1K2 Ω	
R883	ERDS2TJ223T	CARBON	2W	5%	22K Ω	
R884	ERDS1TJ102	CARBON	0.5W	5%	1K Ω	
R885	ERD25TJ103	CARBON	0.25W	5%	10K Ω	
R888	ERD25TJ102	CARBON	0.25W	5%	1K Ω	
R891	ERC12ZGK105D	SOLID	0.5W	10%	1M Ω	⚠
R901	ERDS1FJ102	CARBON	0.5W	5%	1K Ω	
R902	ERJ6GEYJ333	S.M.CARB	0.1W	5%	33K Ω	
R903	ERJ6GEYJ183	S.M.CARB	0.1W	5%	18K Ω	
R904	ERJ6GEYJ682	S.M.CARB	0.1W	5%	6K8 Ω	
R905	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω	
R906	ERJ6GEYJ271	S.M.CARB	0.1W	5%	270 Ω	
R907	ERJ6GEYJ510	S.M.CARB	0.1W	5%	51 Ω	
R908	ERJ6GEYJ391	S.M.CARB	0.1W	5%	390 Ω	
R909	ERJ6GEYJ271	S.M.CARB	0.1W	5%	270 Ω	
R950	ERQ1CJP331	FUSIBLE	1W	5%	330 Ω	⚠
R952	ERJ6GEYJ561	S.M.CARB	0.1W	5%	560 Ω	
R953	ERJ6GEYJ271	S.M.CARB	0.1W	5%	270 Ω	
R954	ERDS1FYJ561P	CARBON	0.5W	5%	560 Ω	
R955	ERJ6GEYJ271	S.M.CARB	0.1W	5%	270 Ω	
R956	ERDS1FYJ561P	CARBON	0.5W	5%	560 Ω	
R957	ERDS1TJ330	CARBON	0.5W	5%	33 Ω	
R958	ERDS1TJ330	CARBON	0.5W	5%	33 Ω	
R960	ERQ14AJ100	FUSIBLE	0.25W	5%	10 Ω	⚠
R962	ERQ14AJ120	METAL	0.25W	5%	12 Ω	⚠
R963	ERQ14AJ120	METAL	0.25W	5%	12 Ω	⚠
R964	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2 Ω	
R966	ERG3FJS151	METAL	3W	5%	150 Ω	
R968	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2 Ω	
R969	ERDS1FJ390	CARBON	0.5W	5%	39 Ω	⚠
R970	ERJ6GEYJ2R7	S.M.CARB	0.1W	5%	2R7 Ω	
R971	ERJ6GEYJ2R7	S.M.CARB	0.1W	5%	2R7 Ω	
R972	ERDS1FJ390	CARBON	0.5W	5%	39 Ω	⚠
R973	ERDS1FJ121	CARBON	0.5W	5%	120 Ω	⚠
R1042	ERD25TC0T	CARBON	0.25W	5%	0 Ω	
R1043	ERD25TJ682	CARBON	0.25W	5%	6K8 Ω	
R1044	ERD25TJ123	CARBON	0.25W	5%	12K Ω	
R1045	ERDS2TJ223T	CARBON	2W	5%	22K Ω	
R1046	ERDS2TJ683T	CARBON	2W	5%	68K Ω	
R1050	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K Ω	
R1051	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω	
R1052	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω	
R1081	ERDS2TJ332T	CARBON	2W	5%	3K2 Ω	
R1082	ERD25TJ103	CARBON	0.25W	5%	10K Ω	
R1083	ERD25TJ101	CARBON	0.25W	5%	100 Ω	
R1084	ERDS1TJ101	CARBON	0.5W	5%	100 Ω	
R1101	ERJ3GEYJ562V	S.M.CARB	0.125	5%	5.6K Ω	
R1102	ERJ3GEYJ562V	S.M.CARB	0.125	5%	5.6K Ω	
R1103	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47K Ω	
R1104	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω	
R1105	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47K Ω	
R1106	ERJ3GEYJ472V	S.M.CARB	0.125	5%	4.7K Ω	
R1107	ERJ6GEYJ272	S.M.CARB	0.1W	5%	2K7 Ω	
R1108	ERJ6GEYJ272	S.M.CARB	0.1W	5%	2K7 Ω	
R1109	ERJ6GEYJ272	S.M.CARB	0.1W	5%	2K7 Ω	

Cct Ref	Parts Number	Description				
R1110	ERJ6GEYJ272	S.M.CARB	0.1W	5%	2K7 Ω	
R1111	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω	
R1112	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω	
R1113	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω	
R1114	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω	
R1115	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω	
R1116	ERJ3GEYJ153V	S.M.CARB	0.1W	5%	15K Ω	
R1117	ERJ3GEYJ472V	S.M.CARB	0.125	5%	4.7K Ω	
R1118	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω	
R1119	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω	
R1120	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω	
R1121	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω	
R1122	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω	
R1123	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω	
R1124	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω	
R1125	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω	
R1126	ERJ3GEYJ472V	S.M.CARB	0.125	5%	4.7K Ω	
R1127	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
R1128	ERJ3GEYJ273	S.M.CARB	0.125	5%	27K Ω	
R1129	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω	
R1131	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
R1132	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω	
R1134	ERJ3GEYJ473V	S.M.CARB	0.125	5%	47K Ω	
R1135	ERJ3GEYJ224V	S.M.CARB	0.16W	5%	220 Ω	
R1136	ERJ3GEYJ473V	S.M.CARB	0.125	5%	47K Ω	
R1137	ERJ3GEYJ104V	S.M.CARB	0.1W	5%	100K Ω	
R1138	ERJ3GEYJ223V	S.M.CARB	0.1W	5%	22K Ω	
R1139	ERJ3GEYJ104V	S.M.CARB	0.1W	5%	100K Ω	
R1140	ERJ6GEYJ225	S.M.CARB	0.1W	5%	2M2 Ω	
R1141	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω	
R1142	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω	
R1144	ERJ3GEYJ472V	S.M.CARB	0.125	5%	4.7K Ω	
R1145	ERJ3GEYJ391	S.M.CARB	0.125	5%	390 Ω	
R1146	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω	
R1147	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω	
R1148	ERJ3GEYJ273	S.M.CARB	0.125	5%	27K Ω	
R1149	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω	
R1150	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω	
R1153	ERJ3GEYJ563V	S.M.CARB	0.125	5%	56K Ω	
R1154	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω	
R1155	ERJ3GEYJ223V	S.M.CARB	0.1W	5%	22K Ω	
R1156	ERJ3GEYJ472V	S.M.CARB	0.125	5%	4.7K Ω	
R1157	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω	
R1158	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω	
R1160	ERJ3GEYJ182V	S.M.CARB	0.1W	5%	1.8K Ω	
R1161	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω	
R1162	ERJ6GEYJ123	S.M.CARB	0.1W	5%	12K Ω	
R1163	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2 Ω	
R1164	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2 Ω	
R1166	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3 Ω	
R1168	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω	
R1169	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
R1170	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω	
R1172	ERJ3GEYJ472V	S.M.CARB	0.125	5%	4.7K Ω	
R1178	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
R1179	ERJ3GEYJ682V	S.M.CARB	0.125	5%	6.8K Ω	
R1180	ERJ3GEYJ392V	S.M.CARB	0.125	5%	3.9K Ω	
R1188	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω	
R1189	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω	
R1190	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω	
R1191	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω	
R1192	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω	
R1193	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω	
R1194	ERJ3GEYJ220	S.M.CARB	0.1W	5%	22 Ω	
R1195	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω	
R1196	EXB38V680JV	CHIP	0.063	5%	680 Ω	⚠

Cct Ref	Parts Number	Description			
R1202	EXB38V680JV	CHIP	0.063	5%	680 Ω ⚠
R1205	EXB38V680JV	CHIP	0.063	5%	680 Ω ⚠
R1209	EXB38V680JV	CHIP	0.063	5%	680 Ω ⚠
R1214	EXB38V680JV	CHIP	0.063	5%	680 Ω ⚠
R1217	EXB38V680JV	CHIP	0.063	5%	680 Ω ⚠
R1221	EXB38V680JV	CHIP	0.063	5%	680 Ω ⚠
R1225	EXB38V680JV	CHIP	0.063	5%	680 Ω ⚠
R1232	EXB38V680JV	CHIP	0.063	5%	680 Ω ⚠
R1233	EXB38V680JV	CHIP	0.063	5%	680 Ω ⚠
R1236	EXB38V680JV	CHIP	0.063	5%	680 Ω ⚠
R1239	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω
R1240	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω
R1241	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47K Ω
R1242	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1243	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6 Ω
R1249	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1250	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1251	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1253	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1255	ERJ3GEYJ472V	S.M.CARB	0.125	5%	4.7K Ω
R1256	ERJ3GEYJ473V	S.M.CARB	0.125	5%	47K Ω
R1257	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1258	ERJ3GEYJ223V	S.M.CARB	0.1W	5%	22K Ω
R1264	ERJ3GEYJ471V	S.M.CARB	0.125	5%	470 Ω
R1293	ERJ6ENF3901	S.M.CARB	0.1W	1%	3K9 Ω
R1294	ERJ6ENF3901	S.M.CARB	0.1W	1%	3K9 Ω
R1301	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1303	ERJ6ENF56R0	S.M.CARB	0.1W	1%	56 Ω
R1304	ERJ3GEYJ682V	S.M.CARB	0.125	5%	6.8K Ω
R1305	ERJ6ENF56R0	S.M.CARB	0.1W	1%	56 Ω
R1306	ERJ6ENF1200	S.M.CARB	0.1W	1%	20 Ω
R1307	ERJ3GEYJ472V	S.M.CARB	0.125	5%	4.7K Ω
R1308	ERJ3GEYJ472V	S.M.CARB	0.125	5%	4.7K Ω
R1309	ERJ6ENF3300	S.M.CARB	0.1W	1%	330 Ω
R1310	ERJ6ENF3300	S.M.CARB	0.1W	1%	330 Ω
R1311	ERJ3GEYJ562V	S.M.CARB	0.125	5%	5.6K Ω
R1312	ERJ3GEYJ332	S.M.CARB	0.125	5%	3.3K Ω
R1313	ERJ3GEYJ272	S.M.CARB	0.125	5%	2K7 Ω
R1314	ERJ3GEYJ272	S.M.CARB	0.125	5%	2K7 Ω
R1315	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R1316	ERJ3GEYJ562V	S.M.CARB	0.125	5%	5.6K Ω
R1317	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1318	ERJ3GEYJ331	S.M.CARB	0.125	5%	330 Ω
R1319	ERJ6ENF9530V	S.M.CARB	0.1W	1%	9K53 Ω
R1320	ERJ3GEYJ331	S.M.CARB	0.125	5%	330 Ω
R1321	ERJ3GEYJ152	S.M.CARB	0.1W	5%	150K Ω
R1322	ERJ3GEYJ151	S.M.CARB	0.1W	5%	150 Ω
R1323	ERJ6ENF47R0	S.M.CARB	0.1W	1%	47 Ω
R1324	ERJ3GEYJ152	S.M.CARB	0.1W	5%	150K Ω
R1326	ERJ6ENF47R0	S.M.CARB	0.1W	1%	47 Ω
R1327	ERJ6ENF1500	S.M.CARB	0.1W	1%	15 Ω
R1329	ERJ6ENF47R0	S.M.CARB	0.1W	1%	47 Ω
R1332	ERJ3GEYJ220	S.M.CARB	0.1W	5%	22 Ω
R1335	ERJ3GEYJ220	S.M.CARB	0.1W	5%	22 Ω
R1338	ERJ3GEYJ472V	S.M.CARB	0.125	5%	4.7K Ω
R1339	ERJ3GEYJ121	S.M.CARB	0.1W	5%	120 Ω
R1340	ERJ6GEYJ331	S.M.CARB	0.1W	5%	330 Ω
R1341	ERJ6GEYJ331	S.M.CARB	0.1W	5%	330 Ω
R1343	ERJ3GEYJ472V	S.M.CARB	0.125	5%	4.7K Ω
R1344	ERJ6ENF1500	S.M.CARB	0.1W	1%	15 Ω
R1345	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1348	ERJ6ENF1910	S.M.CARB	0.1W	1%	191 Ω
R1349	ERJ6ENF2701	S.M.CARB	0.1W	1%	27 Ω
R1350	ERJ6ENF2200	S.M.CARB	0.1W	1%	22 Ω
R1351	ERJ6ENF2701	S.M.CARB	0.1W	1%	27 Ω
R1352	ERJ6ENF2200	S.M.CARB	0.1W	1%	22 Ω

Cct Ref	Parts Number	Description			
R1353	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R1354	ERJ3GEYJ151	S.M.CARB	0.1W	5%	150 Ω
R1355	ERJ3GEYJ272	S.M.CARB	0.125	5%	2K7 Ω
R1356	ERJ3GEYJ331	S.M.CARB	0.125	5%	330 Ω
R1357	ERJ3GEYJ272	S.M.CARB	0.125	5%	2K7 Ω
R1358	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1359	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1360	ERJ6ENF5601	S.M.CARB	0.1W	1%	5K6 Ω
R1361	ERJ3GEYJ151	S.M.CARB	0.1W	5%	150 Ω
R1362	ERJ3GEYJ471V	S.M.CARB	0.125	5%	470 Ω
R1363	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1364	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1365	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1366	ERJ3GEYJ471V	S.M.CARB	0.125	5%	470 Ω
R1367	ERJ6ENF3000	S.M.CARB	0.1W	1%	30 Ω
R1368	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R1369	ERJ3GEYJ823V	S.M.CARB	0.125	5%	82K Ω
R1370	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1371	ERJ3GEYJ273	S.M.CARB	0.125	5%	27K Ω
R1372	ERJ3GEYJ471V	S.M.CARB	0.125	5%	470 Ω
R1373	ERJ3GEYJ273	S.M.CARB	0.125	5%	27K Ω
R1374	ERJ3GEYJ471V	S.M.CARB	0.125	5%	470 Ω
R1375	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1376	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1377	ERJ3GEYJ334	S.M.CARB	0.125	5%	330K Ω
R1379	ERJ3GEYJ471V	S.M.CARB	0.125	5%	470 Ω
R1380	ERJ3GEYJ273	S.M.CARB	0.125	5%	27K Ω
R1381	ERJ3GEYJ471V	S.M.CARB	0.125	5%	470 Ω
R1382	ERJ3GEYJ273	S.M.CARB	0.125	5%	27K Ω
R1383	ERJ3GEYJ272	S.M.CARB	0.125	5%	2K7 Ω
R1384	ERJ3GEYJ471V	S.M.CARB	0.125	5%	470 Ω
R1385	ERJ3GEYJ470V	S.M.CARB	0.125	5%	47 Ω
R1387	ERJ3GEYJ471V	S.M.CARB	0.125	5%	470 Ω
R1388	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1389	ERJ3GEYJ332	S.M.CARB	0.125	5%	3.3K Ω
R1390	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1391	ERJ3GEYJ222	S.M.CARB	0.125	5%	2K2 Ω
R1392	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1393	ERJ3GEYJ222	S.M.CARB	0.125	5%	2K2 Ω
R1394	ERJ3GEYJ331	S.M.CARB	0.125	5%	330 Ω
R1395	ERJ6ENF7500	S.M.CARB	0.1W	1%	75 Ω
R1396	ERJ6ENF3301	S.M.CARB	0.1W	1%	330 Ω
R1402	ERJ3GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1403	ERJ3GEYJ181	S.M.CARB	0.125	5%	180 Ω
R1406	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1411	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470 Ω
R1412	ERJ3GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R1413	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K Ω
R1414	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1416	ERJ3GEYJ152	S.M.CARB	0.1W	5%	150K Ω
R1420	ERJ6ENF2001	S.M.CARB	0.1W	1%	2K Ω
R1421	ERJ3GEYJ561V	S.M.CARB	0.125	5%	560 Ω
R1423	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470 Ω
R1427	ERJ6ENF56R0	S.M.CARB	0.1W	1%	56 Ω
R1428	ERJ6ENF56R0	S.M.CARB	0.1W	1%	56 Ω
R1432	ERJ6ENF56R0	S.M.CARB	0.1W	1%	56 Ω
R1434	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1435	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R1438	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470 Ω
R1439	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1440	ERJ3GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R1441	ERJ6ENF1501	S.M.CARB	0.1W	1%	1R5K Ω
R1442	ERJ6ENF1501	S.M.CARB	0.1W	1%	1R5K Ω
R1444	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1445	ERJ3GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R1446	ERJ6GEYJ331	S.M.CARB	0.1W	5%	330 Ω

Cct Ref	Parts Number	Description			
R1447	ERJ6ENF1500	S.M.CARB	0.1W	1%	15 Ω
R1448	ERJ6ENF1500	S.M.CARB	0.1W	1%	15 Ω
R1451	ERJ6ENF5490	S.M.CARB	0.1W	1%	549 Ω
R1452	ERJ6ENF4750	S.M.CARB	0.1W	5%	75 Ω
R1457	ERJ6GEYJ224	S.M.CARB	0.1W	5%	220K Ω
R1459	ERJ6ENF4751	S.M.CARB	0.1W	1%	4K75 Ω
R1460	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R1461	ERJ6ENF3161	S.M.CARB	0.1W	1%	3K16 Ω
R1473	ERJ6GEYJ683	S.M.CARB	0.1W	5%	68K Ω
R1474	ERJ6GEYJ274	S.M.CARB	0.1W	5%	270K Ω
R1479	ERJ3GEYJ180	S.M.CARB	0.125	5%	18 Ω
R1482	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω
R1498	ERJ3EKF15R0V	S.M.CARB	.125W	1%	15.0 Ω
R1499	ERJ3EKF12R1V	S.M.CARB	.125W	1%	12.1 Ω
R1529	ERJ6GEYJ100	S.M.CARB	0.1W	5%	10 Ω
R1531	ERJ6GEYJ100	S.M.CARB	0.1W	5%	10 Ω
R1543	ERJ6GEYJ100	S.M.CARB	0.1W	5%	10 Ω
R1544	ERJ6GEYJ151	S.M.CARB	0.1W	5%	150 Ω
R1545	ERJ6GEYJ151	S.M.CARB	0.1W	5%	150 Ω
R1546	ERJ6GEYJ151	S.M.CARB	0.1W	5%	150 Ω
R1547	ERJ6GEYJ151	S.M.CARB	0.1W	5%	150 Ω
R1548	ERJ6GEYJ151	S.M.CARB	0.1W	5%	150 Ω
R1549	ERJ3GEYJ472V	S.M.CARB	0.125	5%	4.7K Ω
R1550	ERJ3GEYJ821V	S.M.CARB	0.125	5%	820 Ω
R2004	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2 Ω
R2006	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2 Ω
R2007	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2 Ω
R2008	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2 Ω
R2009	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3 Ω
R2010	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470 Ω
R2011	ERJ6GEYJ561	S.M.CARB	0.1W	5%	560 Ω
R2012	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3 Ω
R2013	ERJ6GEYJ821	S.M.CARB	0.1W	5%	820 Ω
R2015	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R2016	ERJ6GEYJ331	S.M.CARB	0.1W	5%	330 Ω
R2017	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R2018	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2019	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470 Ω
R2025	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω
R2026	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7 Ω
R2030	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R2031	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R2033	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R2034	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R2035	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R2036	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R2039	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R2040	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R2041	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2042	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R2043	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2044	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2050	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω
R2051	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω
R2052	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2251	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R2252	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R2253	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K Ω
R2254	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K Ω
R2255	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R2256	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K Ω
R2257	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K Ω
R2258	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R2301	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2303	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R2304	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω

Cct Ref	Parts Number	Description			
R2305	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R2306	ERJ6ENF5232	S.M.CARB	0.1W	1%	52K3 Ω
R2307	ERJ6ENF4701	S.M.CARB	0.1W	1%	4K7 Ω
R2308	ERJ6GEYJ153	S.M.CARB	0.1W	5%	15K Ω
R2309	ERJ6GEYJ683	S.M.CARB	0.1W	5%	68K Ω
R2310	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω
R2311	ERJ6GEYJ752	S.M.CARB	0.1W	5%	7K5 Ω
R2312	ERJ6GEYJ134	S.M.CARB	0.1W	5%	130K Ω
R2315	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω
R2316	ERJ6GEYJ152	S.M.CARB	0.1W	5%	1K5 Ω
R2317	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2318	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R2319	ERJ6GEYJ683	S.M.CARB	0.1W	5%	68K Ω
R2321	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6 Ω
R2322	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6 Ω
R2323	ERJ6ENF4701	S.M.CARB	0.1W	1%	4K7 Ω
R2324	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R2325	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R2326	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R2327	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2328	ERJ6GEYJ152	S.M.CARB	0.1W	5%	1K5 Ω
R2329	ERJ6GEYJ752	S.M.CARB	0.1W	5%	7K5 Ω
R2330	ERD25TJ101	CARBON	0.25W	5%	100 Ω
R2331	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R2332	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R2334	ERJ6ENF5232	S.M.CARB	0.1W	1%	52K3 Ω
R2335	ERJ6ENF6802V	S.M.CARB	0.1W	1%	68K Ω
R2336	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2337	ERJ6ENF1202	S.M.CARB	0.1W	1%	1K2 Ω
R2338	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2 Ω
R2339	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2 Ω
R2340	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2341	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2342	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2345	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3 Ω
R2346	ERJ6GEYJ303	S.M.CARB	0.1W	5%	30K Ω
R2348	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2349	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3 Ω
R2350	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3 Ω
R2351	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R2352	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R2354	ERX5FJ1R0	METAL	5W	5%	1 Ω ⚠
R2355	ERX3FJ2R2	METAL	3W	5%	2R2 Ω
R2356	ERJ6GEYJ393	S.M.CARB	0.1W	5%	39K Ω
R2357	ERJ6GEYJ273	S.M.CARB	0.1W	5%	27K Ω
R2358	ERJ6GEYJ822	S.M.CARB	0.1W	5%	8K2 Ω
R2364	ERJ6GEYJ274	S.M.CARB	0.1W	5%	270K Ω
R2366	ERJ6GEYJ183	S.M.CARB	0.1W	5%	18K Ω
R2368	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2369	ERX3FJS4R7	METAL	3W	5%	4R7 Ω
R2371	ERJ6GEYJ393	S.M.CARB	0.1W	5%	39K Ω
R2374	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2375	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2377	ERG3FJ561H	METAL	2W	5%	560 Ω
R2378	ERJ6GEYJ183	S.M.CARB	0.1W	5%	18K Ω
R2383	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3 Ω
R2384	ERG3FJ471	METAL	3W	5%	470 Ω ⚠
R2386	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3 Ω
R2387	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3 Ω
R2388	ERD25TJ101	CARBON	0.25W	5%	100 Ω
R2389	ERJ6GEYJ393	S.M.CARB	0.1W	5%	39K Ω
R2390	ERJ6GEYJ273	S.M.CARB	0.1W	5%	27K Ω
R2391	ERJ6GEYJ822	S.M.CARB	0.1W	5%	8K2 Ω
R2393	ERJ6GEYJ274	S.M.CARB	0.1W	5%	270K Ω
R2395	ERJ6GEYJ183	S.M.CARB	0.1W	5%	18K Ω
R2396	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω

Cct Ref	Parts Number	Description			
R2400	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2401	ERJ6GEYJ393	S.M.CARB	0.1W	5%	39K Ω
R2410	ERJ6GEYJ822	S.M.CARB	0.1W	5%	8K2 Ω
R2411	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2412	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K Ω
R2421	ERJ6GEYJ183	S.M.CARB	0.1W	5%	18K Ω
R2423	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470 Ω
R2428	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2 Ω
R2429	ERJ6GEYJ154	S.M.CARB	0.1W	5%	150K Ω
R2430	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2 Ω
R2464	ERJ6GEYJ432	S.M.CARB	0.1W	5%	4K3 Ω
R2465	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R2466	ERJ6GEYJ154	S.M.CARB	0.1W	5%	150K Ω
R2467	ERJ6GEYJ154	S.M.CARB	0.1W	5%	150K Ω
R2468	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R2469	ERJ6GEYJ432	S.M.CARB	0.1W	5%	4K3 Ω
R2472	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2 Ω
R2473	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2 Ω
R2474	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R2475	ERJ6GEYJ561	S.M.CARB	0.1W	5%	560 Ω
R2476	ERJ6GEYJ561	S.M.CARB	0.1W	5%	560 Ω
R2477	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R2478	ERJ6GEYJ154	S.M.CARB	0.1W	5%	150K Ω
R2479	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R2480	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R2483	ERJ6GEYJ822	S.M.CARB	0.1W	5%	8K2 Ω
R2484	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6 Ω
R2485	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6 Ω
R2486	ERJ6GEYJ822	S.M.CARB	0.1W	5%	8K2 Ω
R2498	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R2499	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2717	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K Ω
R2724	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R2725	ERJ6ENF1301	S.M.CARB	0.1W	1%	1K3 Ω
R2726	ERJ6ENF4121	S.M.CARB	0.1W	1%	4K12 Ω
R2727	ERJ6ENF2151	S.M.CARB	0.1W	1%	2K15 Ω
R2728	ERJ6ENF1201	S.M.CARB	0.1W	1%	1K2 Ω
R2731	ERJ6ENF2151	S.M.CARB	0.1W	1%	2K15 Ω
R2732	ERJ6ENF1201	S.M.CARB	0.1W	1%	1K2 Ω
R3001	ERJ8GEYJ680	S.M.CARB	.125W	5%	68 Ω
R3002	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R3003	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3004	ERJ8GEYJ680	S.M.CARB	.125W	5%	68 Ω
R3005	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R3006	ERJ8GEYJ680	S.M.CARB	.125W	5%	68 Ω
R3007	ERJ8GEYJ680	S.M.CARB	.125W	5%	68 Ω
R3008	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R3009	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3 Ω
R3010	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3012	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3013	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3014	ERJ8ENF75R0	S.M.CARB	0.1W	1%	75 Ω
R3015	ERJ6GEYJ184	S.M.CARB	0.1W	5%	180K Ω
R3017	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3018	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3019	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3020	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3021	ERJ6GEYJ184	S.M.CARB	0.1W	5%	180K Ω
R3022	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3023	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3025	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3026	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3027	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3028	ERJ8ENF75R0	S.M.CARB	0.1W	1%	75 Ω
R3029	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R3030	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω

Cct Ref	Parts Number	Description			
R3031	ERJ6GEYJ683	S.M.CARB	0.1W	5%	68K Ω
R3034	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3035	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R3036	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R3037	ERJ3GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R3044	ERJ6GEYJ331	S.M.CARB	0.1W	5%	330 Ω
R3049	ERJ6ENF5600	S.M.CARB	0.1W	1%	560 Ω
R3050	ERJ6ENF5600	S.M.CARB	0.1W	1%	560 Ω
R3051	ERJ6GEYJ561	S.M.CARB	0.1W	5%	560 Ω
R3053	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3062	ERJ6GEYJ331	S.M.CARB	0.1W	5%	330 Ω
R3064	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R3066	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R3069	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω
R3071	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220 Ω
R3074	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R3076	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R3077	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6 Ω
R3078	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6 Ω
R3079	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6 Ω
R3084	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6 Ω
R3085	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6 Ω
R3086	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6 Ω
R3087	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6 Ω
R3088	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6 Ω
R3089	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6 Ω
R3090	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6 Ω
R3116	ERD25TJ103	CARBON	0.25W	5%	10K Ω
R3326	ERJ6ENF2202	S.M.CARB	0.1W	1%	22K Ω
R3401	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R3402	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47K Ω
R3403	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R3404	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47K Ω
R3405	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R3406	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R3407	ERJ6GEYJ333	S.M.CARB	0.1W	5%	33K Ω
R3408	ERJ6GEYJ333	S.M.CARB	0.1W	5%	33K Ω
R3409	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R3410	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R3411	ERJ8ENF75R0	S.M.CARB	0.1W	1%	75 Ω
R3412	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω
R3413	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R3414	ERJ8ENF75R0	S.M.CARB	0.1W	1%	75 Ω
R3415	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R3416	ERJ8ENF75R0	S.M.CARB	0.1W	1%	75 Ω
R3417	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75 Ω
R3418	ERJ8ENF75R0	S.M.CARB	0.1W	1%	75 Ω
R3419	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R3420	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R3421	ERJ6GEYJ333	S.M.CARB	0.1W	5%	33K Ω
R3422	ERJ6GEYJ333	S.M.CARB	0.1W	5%	33K Ω
R3423	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R3424	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R3425	ERJ8ENF75R0	S.M.CARB	0.1W	1%	75 Ω
R3426	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω
R3427	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R3428	ERJ8ENF75R0	S.M.CARB	0.1W	1%	75 Ω
R3429	ERJ8ENF75R0	S.M.CARB	0.1W	1%	75 Ω
R3430	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75 Ω
R3431	ERJ8ENF75R0	S.M.CARB	0.1W	1%	75 Ω
R3432	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R3433	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1K Ω
R3434	ERJ6GEYJ333	S.M.CARB	0.1W	5%	33K Ω
R3435	ERJ6GEYJ333	S.M.CARB	0.1W	5%	33K Ω
R3436	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω
R3437	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω

Cct Ref	Parts Number	Description			
R3438	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω
R3439	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75 Ω
R3440	ERJ8ENF75R0	S.M.CARB	0.1W	1%	75 Ω
R3441	ERJ6GEYJ123	S.M.CARB	0.1W	5%	12K Ω
R3442	ERJ6GEYJ123	S.M.CARB	0.1W	5%	12K Ω
R3443	ERJ6GEYJ123	S.M.CARB	0.1W	5%	12K Ω
R3455	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100K Ω
R3456	ERJ6GEYJ331	S.M.CARB	0.1W	5%	330 Ω
R3457	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75 Ω
R3458	ERJ8GEYJ331	S.M.CARB	.125W	5%	330 Ω
R3832	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47K Ω
R3835	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47K Ω
R3836	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R3841	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R4801	ERJ6ENF2701	S.M.CARB	0.1W	1%	27 Ω
R4802	ERJ6ENF1331	S.M.CARB	0.1W	1%	330 Ω
R4803	ERJ6ENF3320	S.M.CARB	0.1W	1%	3K3 Ω
R4804	ERJ6ENF1001	S.M.CARB	0.1W	1%	1K Ω
R4805	ERJ6ENF2213	S.M.CARB	0.1W	1%	221K Ω
R4806	ERJ6ENF6651	S.M.CARB	0.1W	1%	6K65 Ω
R4807	ERJ6ENF9091	S.M.CARB	0.1W	1%	9K09 Ω
R4808	ERJ6ENF3832	S.M.CARB	0.1W	1%	38K3 Ω
R4809	ERJ6ENF5621	S.M.CARB	0.1W	1%	5K62 Ω
R4810	ERJ6ENF4701	S.M.CARB	0.1W	1%	4K7 Ω
CAPACITORS					
C001	ECJ2VF1C104Z	CERAMIC	16V		100nF
C002	ECA1CM470GB	ELECT	16V		47µF
C003	ECJ2VF1C104Z	CERAMIC	16V		100nF
C008	ECJ2VB1H103K	CERAMIC	50V		10nF
C012	ECJ2VF1H104Z	CERAMIC	50V		100nF
C013	ECA0JM102GB	ELECT	6.3V		1000µF
C014	ECJ2VF1C104Z	CERAMIC	16V		100nF
C017	ECJ2VF1C104Z	CERAMIC	16V		100nF
C018	ECJ2VF1C104Z	CERAMIC	16V		100nF
C020	ECJ2VF1C104Z	CERAMIC	16V		100nF
C022	ECJ2VF1C104Z	CERAMIC	16V		100nF
C023	ECJ2VF1C104Z	CERAMIC	16V		100nF
C024	ECA0JHG102B	ELECT	6.3V		1nF
C026	ECJ2VF1H103Z	CERAMIC	50V		10nF
C352	ECJ2VB1H103K	CERAMIC	50V		10nF
C354	ECJ2VB1H223K	CERAMIC	50V		22nF
C355	ECQM2104KZ	FILM	250V		100nF
C356	ECJ2VC1H180J	CERAMIC	50V		18pF
C357	ECKC2H122J	CERAMIC	500V		1.2µF
C359	ECJ2VF1C104Z	CERAMIC	16V		100nF
C360	ECA1CM471GB	ELECT	16V		470µF
C361	ECJ2VB1H103K	CERAMIC	50V		10nF
C363	ECJ2VB1H223K	CERAMIC	50V		22nF
C364	ECJ2VC1H270J	CERAMIC	50V		27pF
C365	ECQM2104KZ	FILM	250V		100nF
C366	ECKC2H122J	CERAMIC	500V		1.2µF
C371	ECJ2VB1H103K	CERAMIC	50V		10nF
C373	ECJ2VB1H103K	CERAMIC	50V		10nF
C374	ECJ2VC1H070D	CERAMIC	50V		7pF
C375	ECQM2104KZ	FILM	250V		100nF
C376	ECKC2H122J	CERAMIC	500V		1.2µF
C377	ECA2EM100B	ELECT	250V		10µF
C380	ECEA1HU101	ELECT	50V		100µF
C382	ECA1CM221GB	ELECT	16V		220µF
C383	ECA1CM222GB	ELECT	16V		2200µF
C388	ECJ2VB1H183K	CERAMIC	50V		18nF
C390	ECA1HM100GB	ELECT	50V		10µF
C391	ECKC3D332J	CERAMIC	2KV		3.3µF
C451	ECA1VM470B	ELECT	35V		47µF
C452	ECEA1HU471	ELECT	50V		470µF
C455	ECEA1CN220	ELECT	16V		22µF

Cct Ref	Parts Number	Description			
C457	ECA1VHG102B	ELECT	35V		1pF
C459	ECA1HM100GB	ELECT	50V		10µF
C460	ECQB1224KFW	FILM	100V		220nF
C462	ECQV1H104J	FILM	50V		100nF
C463	ECJ2VF1H103Z	CERAMIC	50V		10nF
C475	ECJ2VC1H220J	CERAMIC	50V		22pF
C476	ECHS1H102FZ3	FILM	100V		100nF
C482	ECA1CM102B	ELECT	16V		1000µF
C490	ECJ2VF1H103Z	CERAMIC	50V		10nF
C504	ECA1VM101GB	ELECT	35V		100µF
C505	ECQV1H104J	FILM	50V		100nF
C508	ECA1EM102GB	ELECT	25V		100µF
C510	ECJ2VF1C104Z	CERAMIC	16V		100nF
C555	ECQP1223JZW	FILM	100V		22nF
C556	ECWH20102JVY	FILM	200V		1µF
C560	ECEA2CNR47SB	ELECT	160V		0.47µF
C565	ECQE2155JFB	FILM	250V		1.5µF
C569	ECA2EM330B	ELECT	250V		33µF
C571	ECKC1H472J	CERAMIC	50V		4.7nF
C576	ECKC3A182J	CERAMIC	1KV		1800pF ⚠
C584	ECKC3D681J	CERAMIC	2KV		680pF ⚠
C585	ECKC3D681J	CERAMIC	2KV		680pF ⚠
C591	ECA1HM100GB	ELECT	50V		10µF
C705	ECQM2562JZB	FILM	200V		5.6µF
C708	ECQE2334KF3	FILM	200V		330nF
C709	ECQE1335KFB	FILM	100V		3.3µF
C710	ECQE1335KFB	FILM	100V		3.3µF
C711	ECQE1335KFB	FILM	100V		3.3µF
C715	ECKC3D271J	CERAMIC	2KV		270pF
C801	ECKRAE472ZE	CERAMIC	10V		4.7µF
C802	ECKRAE472ZE	CERAMIC	10V		4.7µF
C803	ECKRAE472ZE	CERAMIC	10V		4.7µF
C804	ECKRAE472ZE	CERAMIC	10V		4.7µF
C808	ECA1VHG221B	ELECT	35V		220µF
C817	ECKC3D681J	CERAMIC	2KV		680pF ⚠
C819	ECKC2H471J	CERAMIC	500V		470pF ⚠
C820	ECOS2GP471DB	ELECT	200V		470µF
C824	ECQE6823KFB	FILM	600V		82nF
C828	ECKC3D152J	CERAMIC	2KV		1.5nF ⚠
C829	ECQB1H681JF3	FILM	50V		680pF
C831	ECKCNA471MBB	CERAMIC	10V		4R7µF ⚠
C841	ECKRAE472ZE	CERAMIC	10V		4.7µF
C843	ECQV1H104J	FILM	50V		100nF
C844	ECKC3D392J	CERAMIC	2KV		3900pF ⚠
C845	ECKC1H101J	CERAMIC	50V		100pF
C847	ECA2WM100E	ELECT	450V		10µF
C851	ECQB1104JF3	FILM	100V		100nF
C852	ECQB1104JF3	FILM	100V		100nF
C853	ECEA1HU102	ELECT	50V		1000µF
C854	ECKC2H561J	CERAMIC	500V		560pF ⚠
C855	ECQB1H103J	FILM	50V		10nF
C861	ECA1EHG331B	ELECT	25V		330µF
C862	ECA1EHG222B	ELECT	25V		2.2µF
C864	ECA1EM222GB	ELECT	25V		2200µF
C865	ECA1EM222GB	ELECT	25V		2200µF
C866	ECOS2CA561BB	ELECT	160V		560µF
C868	ECA160V33UB	ELECT	160V		33µF
C869	ECA1EM472E	ELECT	50V		4.7µF
C871	ECA1HHG100B	ELECT	50V		10µF
C883	ECA1HM100GB	ELECT	50V		10µF
C885	ECA1VM470B	ELECT	35V		47µF
C888	ECA1CM471GB	ELECT	16V		470µF
C889	ECA1CM222GB	ELECT	16V		2200µF
C892	ECQU2A224MN	FILM	250V		220nF ⚠
C893	ECQU2A224MN	FILM	250V		220nF ⚠
C894	ECQU2A683MNB	FILM	100V		68nF ⚠

Cct Ref	Parts Number	Description			
C895	ECKCNA152ME7	CERAMIC	10V	1.5µF	⚠
C897	ECKCNA152ME7	CERAMIC	10V	1.5µF	⚠
C898	ECQU2A224MN	FILM	250V	220nF	⚠
C899	ECQU2A224MN	FILM	250V	220nF	⚠
C901	EEANA1E100B	CERAMIC	25V	10µF	
C902	ECA1HM101GB	ELECT	50V	100µF	
C905	ECA1VM101GB	ELECT	35V	100µF	
C907	ECJ2VC1H151J	CERAMIC	50V	150pF	
C955	ECQB1103J	FILM	100V	10nF	
C958	ECA2CM100B	ELECT	160V	10µF	
C959	ECQB1103J	FILM	100V	10nF	
C960	ECJ2VC1H221J	CERAMIC	50V	220pF	
C961	ECA2CM100B	ELECT	160V	10µF	
C962	ECQM4472RJZ	FILM	400V	4.7µF	
C963	ECJ2VC1H221J	CERAMIC	50V	220pF	
C964	ECA1CHG101	ELECT	16V	100µF	
C966	ECA1HM101GB	ELECT	50V	100µF	
C967	ECA1CHG471B	ELECT	16V	470µF	
C974	ECA1VM101GB	ELECT	35V	100µF	
C1040	ECQB1H223K	FILM	50V	22nF	
C1041	ECA1HM470GB	ELECT	50V	47µF	
C1043	ECKC1H101J	CERAMIC	50V	100pF	
C1101	ECJ2VF1C104Z	CERAMIC	16V	100nF	
C1102	EEVHB0J101P	CERAMIC	10V	100pF	
C1103	ECJ2VF1C104Z	CERAMIC	16V	100nF	
C1104	ECJ2VF1C104Z	CERAMIC	16V	100nF	
C1105	ECJ2VF1C104Z	CERAMIC	16V	100nF	
C1106	ECJ2VF1C104Z	CERAMIC	16V	100nF	
C1107	ECJ2VF1C104Z	CERAMIC	16V	100nF	
C1108	ECJ2VF1C104Z	CERAMIC	16V	100nF	
C1109	ECJ2VF1C104Z	CERAMIC	16V	100nF	
C1112	ECJ2VF1C104Z	CERAMIC	16V	100nF	
C1115	ECJ2VB1C104K	CERAMIC	16V	100nF	
C1116	ECJ2VF1C104Z	CERAMIC	16V	100nF	
C1117	ECJ2VF1C104Z	CERAMIC	16V	100nF	
C1118	ECJ2VB1H472K	CERAMIC	50V	4.7nF	
C1119	ECJ2VF1C104Z	CERAMIC	16V	100nF	
C1120	ECJ2VF1C104Z	CERAMIC	16V	100nF	
C1121	ECJ2VF1C104Z	CERAMIC	16V	100nF	
C1122	ECJ2VF1C104Z	CERAMIC	16V	100nF	
C1123	ECJ2VF1C104Z	CERAMIC	16V	100nF	
C1124	ECJ2VF1C104Z	CERAMIC	16V	100nF	
C1125	ECJ2VF1C104Z	CERAMIC	16V	100nF	
C1126	ECJ2VF1C104Z	CERAMIC	16V	100nF	
C1127	ECJ2VF1C104Z	CERAMIC	16V	100nF	
C1128	ECJ2VF1C104Z	CERAMIC	16V	100nF	
C1129	ECJ2VF1C104Z	CERAMIC	16V	100nF	
C1130	EEVHB0G221P	CERAMIC	16V	220pF	
C1131	ECJ2VC1H220J	CERAMIC	50V	22pF	
C1132	ECJ2VC1H220J	CERAMIC	50V	22pF	
C1133	ECJ2VF1C104Z	CERAMIC	16V	100nF	
C1134	ECJ2VF1C104Z	CERAMIC	16V	100nF	
C1135	ECJ2VF1C104Z	CERAMIC	16V	100nF	
C1136	ECJ2VF1C104Z	CERAMIC	16V	100nF	
C1137	EEVHB0G221P	CERAMIC	16V	220pF	
C1138	ECJ2VC1H221J	CERAMIC	50V	220pF	
C1139	ECJ2VC1H221J	CERAMIC	50V	220pF	
C1140	ECJ2VB1E104K	CERAMIC	25V	100nF	
C1142	ECJ2VC1H151J	CERAMIC	50V	150pF	
C1144	ECJ2VC1H101J	CERAMIC	50V	100pF	
C1146	ECJ2VF1C104Z	CERAMIC	16V	100nF	
C1147	ECA1CM471GB	ELECT	16V	470µF	
C1148	ECJ2VF1C104Z	CERAMIC	16V	100nF	
C1150	ECJ2VB1C104K	CERAMIC	16V	100nF	
C1151	ECJ2VB1C104K	CERAMIC	16V	100nF	
C1153	ECJ2VB1H103K	CERAMIC	50V	10nF	

Cct Ref	Parts Number	Description		
C1154	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1156	ECA1HM100GB	ELECT	50V	10µF
C1157	TACCM0J335KT	CERAMIC	6.3V	3.3µF
C1158	TACCM0J335KT	CERAMIC	6.3V	3.3µF
C1159	EEVHB1C100R	CERAMIC	16V	10pF
C1160	EEVHB1C100R	CERAMIC	16V	10pF
C1161	EEVHB0G221P	CERAMIC	16V	220pF
C1162	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1163	EEVHB0J101P	CERAMIC	10V	100pF
C1164	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1165	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1166	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1167	EEVHB1C101P	CERAMIC	16V	100pF
C1168	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1170	ECEA1EKN100B	ELECT	50V	10µF
C1251	ECA1HM101GB	ELECT	50V	100µF
C1252	ECA1HM100GB	ELECT	50V	10µF
C1253	ECJ2VB1C104K	CERAMIC	16V	100nF
C1254	ECJ2VB1C104K	CERAMIC	16V	100nF
C1255	ECA1CM470GB	ELECT	16V	47µF
C1290	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1292	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1293	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1294	ECA1HM101GB	ELECT	50V	100µF
C1295	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1296	ECA0JM471GB	ELECT	6.3V	470µF
C1300	ECJ1VC1H120J	CERAMIC	50V	12pF
C1302	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1303	ECJ1VC1H120J	CERAMIC	50V	12pF
C1306	ECJ1VC1H680J	CERAMIC	50V	68pF
C1307	ECJ1VC1H180J	CERAMIC	50V	18pF
C1309	ECJ1VC1H181J	CERAMIC	50V	180pF
C1310	ECJ1VC1H220J	CERAMIC	50V	22pF
C1312	ECJ1VC1H181J	CERAMIC	50V	180pF
C1313	TACCN0J105KT	CERAMIC	6.3V	1µF
C1315	TACCN0J105KT	CERAMIC	6.3V	1µF
C1316	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1317	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1318	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1319	ECJ1VC1H470J	CERAMIC	50V	47pF
C1320	ECJ1VC1H060D	CERAMIC	50V	6pF
C1322	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1323	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1324	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1325	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1326	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1327	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1328	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1329	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1330	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1331	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1332	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1333	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1334	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1335	ECJ1VB1H103	CERAMIC	50V	10nF
C1336	TACCM0J335KT	CERAMIC	6.3V	3.3µF
C1337	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1338	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1339	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1340	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1341	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1342	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1344	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1345	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1346	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1347	ECJ2VF1C105Z	CERAMIC	16V	1pF

Cct Ref	Parts Number	Description		
C1348	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1349	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1350	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1351	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1352	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1353	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1354	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1355	TACCM0J335KT	CERAMIC	6.3V	3.3µF
C1356	TACCM0J335KT	CERAMIC	6.3V	3.3µF
C1357	ECJ1VC1H330J	CERAMIC	50V	33pF
C1358	ECJ1VB1H472K	CERAMIC	50V	4.7nF
C1359	ECJ1VB1H472K	CERAMIC	50V	4.7nF
C1360	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1361	ECJ1VB1H103	CERAMIC	50V	10nF
C1362	EEVHB0J101P	CERAMIC	10V	100pF
C1363	ECJ1VC1H102J	CERAMIC	50V	1nF
C1364	ECJ1VC1H680J	CERAMIC	50V	68pF
C1365	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1367	TACCN0J105KT	CERAMIC	6.3V	1µF
C1370	ECJ1VB1H103	CERAMIC	50V	10nF
C1371	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1372	ECJ1VF1H103Z	CERAMIC	50V	10nF
C1373	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1374	ECJ1VB1H222K	CERAMIC	50V	2.2nF
C1376	ECJ1VC1H680J	CERAMIC	50V	68pF
C1377	ECJ1VB1H103	CERAMIC	50V	10nF
C1378	ECJ1VB1H222K	CERAMIC	50V	2.2nF
C1379	ECJ1VB1C104K	CERAMIC	16V	100nF
C1380	TACCN0J105KT	CERAMIC	6.3V	1µF
C1381	ECJ1VC1H330J	CERAMIC	50V	33pF
C1382	ECJ1VB1C393K	CERAMIC	16V	39nF
C1383	TACCN0J105KT	CERAMIC	6.3V	1µF
C1384	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1385	ECJ2VF1H103Z	CERAMIC	50V	10nF
C1386	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1387	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1389	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1390	TACCN0J105KT	CERAMIC	6.3V	1µF
C1391	TACCN0J105KT	CERAMIC	6.3V	1µF
C1392	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1395	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1396	EEVHB0G221P	CERAMIC	16V	220pF
C1403	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1405	ECJ2VF1C104Z	CERAMIC	16V	100nF
C1407	ECJ1VC1H561J	CERAMIC	50V	560pF
C1408	ECJ1VC1H561J	CERAMIC	50V	560pF
C1410	ECJ1VC1H561J	CERAMIC	50V	560pF
C1423	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1424	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1425	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1426	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1427	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1428	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1430	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1431	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1433	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1434	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1436	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1438	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1439	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1441	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1446	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1447	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1454	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1455	ECJ2VB1C104K	CERAMIC	16V	100nF
C1456	ECJ2VB1C104K	CERAMIC	16V	100nF

Cct Ref	Parts Number	Description		
C1457	ECJ2VB1C104K	CERAMIC	16V	100nF
C1459	ECJ3VB1C474K	CERAMIC	16V	470nF
C1461	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1468	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1469	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1470	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1474	ECJ2VB1C104K	CERAMIC	16V	100nF
C1475	ECJ2VB1C104K	CERAMIC	16V	100nF
C1476	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1477	ECJ2VB1C104K	CERAMIC	16V	100nF
C1478	TACCM0J335KT	CERAMIC	6.3V	3.3µF
C1479	EEVHP1C100R	CERAMIC	16V	10pF
C1480	EEVHP1C100R	CERAMIC	16V	10pF
C1481	TACCN0J105KT	CERAMIC	6.3V	1µF
C1482	TACCN0J105KT	CERAMIC	6.3V	1µF
C1486	EEVHP1E4R7R	CERAMIC	25V	4R7pF
C1487	EEVHP1C100R	CERAMIC	16V	10pF
C1488	EEVHP1C100R	CERAMIC	16V	10pF
C1490	EEVHB0J101P	CERAMIC	10V	100pF
C1493	EEVHB0J101P	CERAMIC	10V	100pF
C1494	EEVHB0G221P	CERAMIC	16V	220pF
C1495	EEVHB0G221P	CERAMIC	16V	220pF
C1496	EEVHB0J101P	CERAMIC	10V	100pF
C1497	EEVHB0J101P	CERAMIC	10V	100pF
C1498	EEVHB0G221P	CERAMIC	16V	220pF
C1499	EEVHB0J101P	CERAMIC	10V	100pF
C1500	EEVHB0J101P	CERAMIC	10V	100pF
C1501	EEVHB1C470P	CERAMIC	16V	47pF
C1505	EEVHB0G221P	CERAMIC	16V	220pF
C1506	EEVHB0G221P	CERAMIC	16V	220pF
C1507	EEVHB0G221P	CERAMIC	16V	220pF
C1509	EEVHB0J101P	CERAMIC	10V	100pF
C1510	ECJ2VB1C104K	CERAMIC	16V	100nF
C1511	ECJ2VB1C104K	CERAMIC	16V	100nF
C1513	ECJ2VB1C104K	CERAMIC	16V	100nF
C1514	ECJ2VB1C104K	CERAMIC	16V	100nF
C1515	ECJ2VB1C104K	CERAMIC	16V	100nF
C1516	ECJ2VB1C104K	CERAMIC	16V	100nF
C1544	ECA1HM101GB	ELECT	50V	100µF
C1550	ECA1HM101GB	ELECT	50V	100µF
C1551	ECA1HM101GB	ELECT	50V	100µF
C1563	ECA1CM470GB	ELECT	16V	47µF
C1564	ECA1HM4R7GB	ELECT	50V	4.7µF
C1565	ECA1HM4R7GB	ELECT	50V	4.7µF
C1566	ECA1HM220GB	ELECT	50V	22µF
C1569	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1588	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1589	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1590	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1591	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1592	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1593	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1594	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1595	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1596	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1597	ECJ2VF1C105Z	CERAMIC	16V	1pF
C1598	ECJ1VB1C104K	CERAMIC	16V	100nF
C1599	EEVHB0J101P	CERAMIC	10V	100pF
C2004	ECJ2VF1H104Z	CERAMIC	50V	100nF
C2005	ECJ2VF1H104Z	CERAMIC	50V	100nF
C2006	ECJ2VF1H104Z	CERAMIC	50V	100nF
C2007	ECJ2VC1H560J	CERAMIC	50V	56pF
C2008	ECJ2VC1H470J	CERAMIC	50V	47pF
C2009	ECJ2VC1H470J	CERAMIC	50V	47pF
C2010	ECJ2VC1H560J	CERAMIC	50V	56pF
C2011	ECJ2VC1H070D	CERAMIC	50V	7pF

Cct Ref	Parts Number	Description		
C2014	ECJ2VC1H010C	CERAMIC	50V	1pF
C2015	ECJ2VF1C104Z	CERAMIC	16V	100nF
C2016	ECA1HM101GB	ELECT	50V	100µF
C2017	ECJ2VC1H010C	CERAMIC	50V	1pF
C2022	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2023	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2024	ECJ3VB1C474K	CERAMIC	16V	470nF
C2025	ECJ2VF1C104Z	CERAMIC	16V	100nF
C2027	ECA1HM100GB	ELECT	50V	10µF
C2028	ECJ2VF1C104Z	CERAMIC	16V	100nF
C2030	ECJ2VF1C104Z	CERAMIC	16V	100nF
C2031	ECA1HM101GB	ELECT	50V	100µF
C2032	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2033	ECA1HM100GB	ELECT	50V	10µF
C2034	ECJ2VF1H103Z	CERAMIC	50V	10nF
C2035	ECJ2VF1H103Z	CERAMIC	50V	10nF
C2036	ECJ2VF1H103Z	CERAMIC	50V	10nF
C2037	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2038	ECA1HM100GB	ELECT	50V	10µF
C2039	ECA1HM101GB	ELECT	50V	100µF
C2040	ECJ2VF1C104Z	CERAMIC	16V	100nF
C2041	ECA1HM3R3GB	ELECT	50V	3.3µF
C2042	ECJ2VB1H102K	CERAMIC	50V	1nF
C2043	ECJ2VB1H102K	CERAMIC	50V	1nF
C2044	ECJ2VB1H102K	CERAMIC	50V	1nF
C2045	ECJ2VB1H102K	CERAMIC	50V	1nF
C2047	ECJ2VF1H103Z	CERAMIC	50V	10nF
C2222	ECEA1HKA100	ELECT	50V	10pF
C2223	ECEA1HKA100	ELECT	50V	10pF
C2224	ECEA1HKA100	ELECT	50V	10pF
C2225	ECEA1HKA100	ELECT	50V	10pF
C2226	ECEA1HKA100	ELECT	50V	10pF
C2227	ECEA1HKA100	ELECT	50V	10pF
C2301	ECA1VHG222E	ELECT	35V	2.2pF
C2302	ECQV1H684J	FILM	50V	680nF
C2303	ECJ3VB1H104K	CERAMIC	50V	100nF
C2304	ECA1VM222GE	ELECT	35V	2200µF
C2305	ECJ2VB1H333K	CERAMIC	50V	33nF
C2306	ECJ2VB1H561K	CERAMIC	50V	560pF
C2307	ECJ2VB1H471K	CERAMIC	50V	470pF
C2308	ECJ2VC1H270J	CERAMIC	50V	27pF
C2309	ECJ2VB1H471K	CERAMIC	50V	470pF
C2310	ECJ2VB1H331K	CERAMIC	50V	330nF
C2311	ECEA1HNR22	ELECT	50V	220nF
C2312	ECJ3VB1H104K	CERAMIC	50V	100nF
C2314	ECJ2VB1H331K	CERAMIC	50V	330nF
C2315	ECJ3VB1H104K	CERAMIC	50V	100nF
C2316	ECJ2VB1H471K	CERAMIC	50V	470pF
C2317	ECA1HM4R7GB	ELECT	50V	4.7µF
C2318	ECEA1HNR22	ELECT	50V	220nF
C2319	ECJ2VB1H102K	CERAMIC	50V	1nF
C2320	ECJ2VB1H681K	CERAMIC	50V	680pF
C2321	ECA1CM471GB	ELECT	16V	470µF
C2322	ECJ2VB1H471K	CERAMIC	50V	470pF
C2323	ECQV1H684J	FILM	50V	680nF
C2325	ECA1HM4R7GB	ELECT	50V	4.7µF
C2326	ECA1HM101GB	ELECT	50V	100µF
C2327	ECJ2VB1H102K	CERAMIC	50V	1nF
C2328	ECA1HM101GB	ELECT	50V	100µF
C2329	ECJ2VF1H104Z	CERAMIC	50V	100nF
C2330	ECJ2VB1H561K	CERAMIC	50V	560pF
C2331	ECJ3VB1H104K	CERAMIC	50V	100nF
C2332	ECJ2YB1H104K	CERAMIC	50V	100nF
C2333	ECJ2VB1H333K	CERAMIC	50V	33nF
C2334	ECJ2VF1H104Z	CERAMIC	50V	100nF
C2335	ECJ2VC1H101J	CERAMIC	50V	100pF

Cct Ref	Parts Number	Description		
C2336	ECJ2VF1H104Z	CERAMIC	50V	100nF
C2337	ECA1CM470GB	ELECT	16V	47µF
C2338	ECEA1HU221	ELECT	50V	220µF
C2339	ECEA1HU221	ELECT	50V	220µF
C2340	ECA1HM101GB	ELECT	50V	100µF
C2341	ECA1HM330B	ELECT	50V	33µF
C2342	ECA1HM101GB	ELECT	50V	100µF
C2343	ECA1HM100GB	ELECT	50V	10µF
C2344	ECJ2VB1H472K	CERAMIC	50V	4.7nF
C2345	ECJ2VB1H472K	CERAMIC	50V	4.7nF
C2346	ECJ2VC1H101J	CERAMIC	50V	100pF
C2348	ECJ2VB1H681K	CERAMIC	50V	680pF
C2350	ECJ2VB1H471K	CERAMIC	50V	470pF
C2352	ECEA1HN2R2UB	ELECT	50V	2.2µF
C2353	ECJ2VB1H104K	CERAMIC	50V	100nF
C2359	ECJ2VB1H104K	CERAMIC	50V	100nF
C2362	ECJ2VB1H562K	CERAMIC	50V	5.6nF
C2365	ECA1HM330B	ELECT	50V	33µF
C2366	EEANA1E1R0B	CERAMIC	25V	0R1µF
C2369	ECJ2VB1H103K	CERAMIC	50V	10nF
C2371	ECJ2VB1C154K	CERAMIC	16V	150nF
C2372	ECEA1HN010	ELECT	50V	1µF
C2373	ECJ2VB1H102K	CERAMIC	50V	1nF
C2374	ECJ2VB1H102K	CERAMIC	50V	1nF
C2375	ECJ2VB1H102K	CERAMIC	50V	1nF
C2376	ECJ2VF1C104Z	CERAMIC	16V	100nF
C2377	ECJ2VB1H102K	CERAMIC	50V	1nF
C2378	ECA0JM222GB	ELECT	6.3V	2.2nF
C2386	ECJ2VB1H681K	CERAMIC	50V	680pF
C2387	ECJ3VB1H104K	CERAMIC	50V	100nF
C2388	ECJ2VB1H104K	CERAMIC	50V	100nF
C2389	ECJ2VB1C154K	CERAMIC	16V	150nF
C2391	ECJ2VB1H104K	CERAMIC	50V	100nF
C2395	ECJ2VB1H562K	CERAMIC	50V	5.6nF
C2397	EEANA1E1R0B	CERAMIC	25V	0R1µF
C2398	ECA1CM102B	ELECT	16V	1000µF
C2399	ECJ2VB1H103K	CERAMIC	50V	10nF
C2424	ECEA1HN010	ELECT	50V	1µF
C2490	ECUV1H104KBX	S.M. CAP	50V	100nF
C2491	ECUV1H683KBX	S.M. CAP	50V	68nF
C2492	ECUV1H683KBX	S.M. CAP	50V	68nF
C2493	ECUV1H104KBX	S.M. CAP	50V	100nF
C2590	ECA1CM471GB	ELECT	16V	470µF
C2592	ECJ2VB1H333K	CERAMIC	50V	33nF
C2594	ECJ2VB1H333K	CERAMIC	50V	33nF
C2608	ECEA1HKA100	ELECT	50V	10pF
C2609	ECEA1HKA100	ELECT	50V	10pF
C2610	ECA1CM471GB	ELECT	16V	470µF
C2702	ECJ2VF1H104Z	CERAMIC	50V	100nF
C2703	ECJ2VF1C104Z	CERAMIC	16V	100nF
C2704	ECA1CM471GB	ELECT	16V	470µF
C2707	ECA1CHG471B	ELECT	16V	470µF
C2708	EEUFC1A471B	CERAMIC	10V	470pF
C2711	ECJ2VF1C104Z	CERAMIC	16V	100nF
C2713	ECJ2VF1H104Z	CERAMIC	50V	100nF
C2715	ECJ2VF1H104Z	CERAMIC	50V	100nF
C2716	EEUFC1A471B	CERAMIC	10V	470pF
C2719	ECA1CM471GB	ELECT	16V	470µF
C2720	ECA1CM471GB	ELECT	16V	470µF
C2722	ECJ2VF1H104Z	CERAMIC	50V	100nF
C2723	ECJ2VF1H104Z	CERAMIC	50V	100nF
C2726	ECA1EHG102B	ELECT	25V	1000µF
C2730	ECA1CM471GB	ELECT	16V	470µF
C2731	ECA1CM471GB	ELECT	16V	470µF
C2732	EEUFC1A471B	CERAMIC	10V	470pF
C2733	ECJ2VF1H104Z	CERAMIC	50V	100nF

Cct Ref	Parts Number	Description		
C2734	ECA1EM471GB	ELECT	25V	470µF
C2737	ECA1CM471GB	ELECT	16V	470µF
C2740	ECA1CM471GB	ELECT	16V	470µF
C2750	ECJ2VF1C105Z	CERAMIC	16V	1pF
C2751	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3001	ECJ2VF1C104Z	CERAMIC	16V	100nF
C3003	ECEA1CN470	ELECT	16V	47µF
C3006	ECJ2VF1C104Z	CERAMIC	16V	100nF
C3007	ECJ2VB1E473K	CERAMIC	25V	47nF
C3008	ECJ2VB1E473K	CERAMIC	25V	47nF
C3009	ECJ2VB1E473K	CERAMIC	25V	47nF
C3010	ECJ2VB1E473K	CERAMIC	25V	47nF
C3011	ECJ2VB1E473K	CERAMIC	25V	47nF
C3012	ECJ2VB1E473K	CERAMIC	25V	47nF
C3013	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3014	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3015	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3016	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3017	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3018	ECJ2VB1C104K	CERAMIC	16V	100nF
C3020	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3021	ECJ2VB1C104K	CERAMIC	16V	100nF
C3024	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3026	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3027	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3028	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3029	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3032	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3033	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3034	ECJ2VF1C104Z	CERAMIC	16V	100nF
C3035	ECA1HM101GB	ELECT	50V	100µF
C3043	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3044	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3045	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3046	ECA1HM101GB	ELECT	50V	100µF
C3047	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3048	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3049	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3050	ECA1CM221GB	ELECT	16V	220µF
C3051	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3053	ECA1HM100GB	ELECT	50V	10µF
C3054	ECA1HM100GB	ELECT	50V	10µF
C3055	ECEA1HN100UB	ELECT	50V	10µF
C3056	ECEA1HN100UB	ELECT	50V	10µF
C3057	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3058	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3065	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3066	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3068	ECJ2VF1C105Z	CERAMIC	16V	1pF
C3071	ECJ2VC1H101J	CERAMIC	50V	100pF
C3072	ECJ2VC1H101J	CERAMIC	50V	100pF
C3073	ECJ2VC1H101J	CERAMIC	50V	100pF
C3077	ECJ2VF1C104Z	CERAMIC	16V	100nF
C3101	ECQB1H333J	FILM	50V	33nF
C3102	ECQB1H333J	FILM	50V	33nF
C3107	ECKC1H561J	CERAMIC	50V	560pF
C3109	ECKC1H561J	CERAMIC	50V	560pF
C3111	ECKC1H103J	CERAMIC	50V	100µF
C3113	ECA1CM470GB	ELECT	16V	47µF
C3114	ECEA1CKA470	ELECT	16V	47µF
C3115	ECEA1CN470	ELECT	16V	47µF
C3301	ECJ2VF1C104Z	CERAMIC	16V	100nF
C3302	ECJ2VF1C104Z	CERAMIC	16V	100nF
C3303	ECJ2VF1C104Z	CERAMIC	16V	100nF
C3322	ECJ2VC1H471J	CERAMIC	50V	470pF
C3323	ECA1HHG100B	ELECT	50V	10µF

Cct Ref	Parts Number	Description		
C3324	ECA1HHG100B	ELECT	50V	10µF
C3401	ECJ2VC1H561J	CERAMIC	50V	560pF
C3404	ECJ2VC1H561J	CERAMIC	50V	560pF
C3407	ECJ2VC1H561J	CERAMIC	50V	560pF
C3408	ECJ2VC1H561J	CERAMIC	50V	560pF
C3409	ECJ2VC1H561J	CERAMIC	50V	560pF
C3410	ECJ2VC1H561J	CERAMIC	50V	560pF
C3415	ECJ2VC1H102J	CERAMIC	50V	1nF
C3417	ECJ2VC1H561J	CERAMIC	50V	560pF
C3418	ECJ2VC1H561J	CERAMIC	50V	560pF
C3419	ECJ2VC1H561J	CERAMIC	50V	560pF
C3420	ECJ2VC1H561J	CERAMIC	50V	560pF
C3425	ECJ2VC1H102J	CERAMIC	50V	1nF
C3427	ECJ2VC1H561J	CERAMIC	50V	560pF
C3428	ECJ2VC1H561J	CERAMIC	50V	560pF
C3429	ECJ2VC1H561J	CERAMIC	50V	560pF
C3430	ECJ2VC1H561J	CERAMIC	50V	560pF
C3435	ECJ2VC1H102J	CERAMIC	50V	1nF
C3450	ECEA1AKA221B	ELECT	10V	220µF
C3451	ECEA1AKA221B	ELECT	10V	220µF
C3452	ECEA1CKA101	ELECT	16V	100µF
C3453	ECEA1CKA101	ELECT	16V	100µF
C3454	ECJ2VC1H220J	CERAMIC	50V	22pF
C3455	ECJ2VC1H220J	CERAMIC	50V	22pF
C3456	ECJ2VC1H220J	CERAMIC	50V	22pF
C3457	ECJ2VC1H221J	CERAMIC	50V	220pF
C3458	ECJ2VC1H221J	CERAMIC	50V	220pF
C3459	ECJ2VC1H221J	CERAMIC	50V	220pF
C4801	ECA1HM101GB	ELECT	50V	100µF
C4802	ECJ2VF1C104Z	CERAMIC	16V	100nF
C4803	ECQV1H334JL3	FILM	50V	330nF
C4804	ECQV1H334JL3	FILM	50V	330nF
C4805	ECJ2VF1C104Z	CERAMIC	16V	100nF
C4806	ECJ2VB1H103K	CERAMIC	50V	10nF
C4807	ECA1HM4R7GB	ELECT	50V	4.7µF
C4808	ECA1HM4R7GB	ELECT	50V	4.7µF
C4809	ECJ2VB1H103K	CERAMIC	50V	10nF

TERMINALS AND LINKS

JK3102	TJB8E026	AV TERMINAL	
JK3406	TJB8E014	RCA TERMINAL (2P)	
R868	TSF19252	FS LINK	⚠
R874	TSF19402	FS LINK	⚠

SWITCHES

S840	ESB92S11B	SWITCH	⚠
S1003	EVQ23405R	SWITCH	
S1004	EVQ23405R	SWITCH	
S1005	EVQ23405R	SWITCH	
S1006	EVQ23405R	SWITCH	
S1007	EVQ23405R	SWITCH	

RELAYS

RL801	K6B1ADA00010	RELAY	⚠
RL802	K6B2ADA00004	RELAY	⚠

DIFFERENCES FOR MODEL TX--28PL30D

EXPLODED VIEW

14	TNPH0348CD	A P.C.B.	⚠
15	ZTBZAD550A	ANODE CABLE	⚠
16	TKU8E00680	BACK COVER	⚠
17	W66EKT10X71	C.R.T.	⚠
18	TKY8E560-1	CABINET	⚠
19	TMW8E045	CONTROL BRACKET	
20	TNPH0349AE	D P.C.B.	⚠
21	TLK8E05175	DEGAUSS COIL	⚠
23	ZTFM77020A	FBT	⚠

Cct Ref	Parts Number	Description				
24	TXJF0C0CJFG	FOCUS LEAD ASSEMBLY				⚠
25	TNP8EG004AC	G P.C.B.				⚠
26	TNPA1726AC	L P.C.B.				⚠
27	TQF8E3223	MODEL LABEL				⚠
28	TBMA060	PANASONIC BADGE				
MISCELLANEOUS COMPONENTS						
.	EASG7D506B2	SPEAKER TWEETER				
.	TBLG3019	SET FOOT (FRONT)				
.	TBLG3020	SET FOOT (REAR)				
.	TBM8E2138	PRESET LABELRIGHT				
.	TES2298	CRT EARTH SPRING				
.	TKK8E026	SPEAKER REFLECTOR				
.	TKP8E1370	SPEAKER PANEL LEFT				
.	TKP8E1375	SPEAKER PANEL RIGHT				
.	TKP8E1380	BOTTOM PANEL LEFT				
.	TKP8E1394	BOTTOM RIGHT PANEL				
.	TPC8E4906	CARTON				
.	TPD8E757	TOP CUSHON				
.	TPD8E758	BOTTOM CUSHION				
ROT	TLK8E05165	ROTATION COIL				⚠
INSTRUCTION BOOKS						
	TQB8E3376A4	GERMAN				⚠
	TQB8E3376C4	ITALIAN				⚠
	TQB8E3376D4	FRENCH				⚠
I.C.s						
IC451	LA7845N	VERTICAL OUTPUT				
IC1104	X24BR200-2ND	EAROM*				
IC1252	PQ30RV21B	2.5V REGULATOR				
IC1301	C1AB00001468	VIDEO PROCESSOR				
DIODES						
D855	FMGG2CS	DIODE				
COILS						
L558	EXCELDR35C	COIL				
L574	ELHKLB070B	COIL				
L576	ELC18B221F	COIL				⚠
L579	ELHKLB061B	COIL				
L702	ELC18B121G	CHOKE COIL				
L2005	EXCELDR35V	COIL				
RESISTORS						
JSA81	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
R353	ERJ6ENF1331	S.M.CARB	0.1W	1%	330 Ω	
R363	ERJ6ENF1331	S.M.CARB	0.1W	1%	330 Ω	
R372	ERJ6ENF1331	S.M.CARB	0.1W	1%	330 Ω	
R451	ERDS1TJ3R3	CARBON	0.5W	5%	3R3 Ω	
R452	ERDS1TJ3R3	CARBON	0.5W	5%	3R3 Ω	
R509	ERX3FJ6R8H	METAL	3W	5%	6.8 Ω	
R555	ERD25TJ473	CARBON	0.25W	5%	47K Ω	
R556	ERF2AKR22	WOUND	0.5W	5%	R22 Ω	
R558	ERDS2TJ333T	CARBON	2W	5%	33K Ω	
R559	ERD25TJ273	CARBON	0.25W	5%	27K Ω	
R560	ERD25TJ393	CARBON	0.25W	5%	39K Ω	
R572	ERD25TJ153	CARBON	0.25W	5%	15K Ω	
R581	ERD25TJ623	CARBON	0,25W	5%	62K Ω	
R582	ERD25TJ274	CARBON	0.25W	5%	270K Ω	
R583	ERDS2TJ562	CARBON	2W	5%	5.6K Ω	
R586	ERQ12HJ2R7	FUSIBLE	0.5W	5%	2.7 Ω	
R591	EROS2TKF8871	METAL	2W	1%	8.87K Ω	
R806	ERX12SZJR12	METAL	0.5W	5%	R12 Ω	
R810	ERX12SZJR12	METAL	0.5W	5%	R12 Ω	
R819	ERD25TJ681	CARBON	0.25W	5%	680 Ω	
R836	ERDS2TJ152T	CARBON	0.5W	5%	1K5 Ω	
R965	ERJ6GEYJ683	S.M.CARB	0.1W	5%	68K Ω	
R967	ERJ6GEYJ683	S.M.CARB	0.1W	5%	68K Ω	
R1458	ERJ6ENF6801	S.M.CARB	0.1W	1%	6K8 Ω	

Cct Ref	Parts Number	Description				
CAPACITORS						
C062	ECJ2VF1C104Z	CERAMIC	16V		100nF	
C554	ECKC3D681J	CERAMIC	2KV		680pF	⚠
C558	ECWH20472JVB	FILM	200V		4.7nF	
C559	ECQF4123JZH	FILM	400V		12nF	⚠
C561	ECWH20472JVB	FILM	200V		4.7nF	
C562	ECQF4273JZH	FILM	400V		27nF	⚠
C573	ECKC2H103J	CERAMIC	500V		10nF	⚠
C578	ECWF4684JBB	FILM	400V		680nF	
C579	ECWF4304JBP	FILM	400V		300nF	
C580	ECWF4304JBP	FILM	400V		300nF	
C586	ECQB1H473K	FILM	50V		47nF	
C823	ECQF4123JZH	FILM	400V		12nF	⚠
C858	ECKC3D182JB	CERAMIC	2KV		1.8nF	⚠
C1406	ECJ2VF1C105Z	CERAMIC	16V		1pF	
C1409	ECJ2VF1C105Z	CERAMIC	16V		1pF	
C1520	ECQV1H104J	FILM	50V		100nF	
C2313	ECUV1H222KBX	S.M. CAP	50V		2.2nF	
C2324	ECUV1H222KBX	S.M. CAP	50V		2.2nF	
C2360	ECUV1H223KBX	S.M. CAP	50V		22nF	
C2392	ECUV1H223KBX	S.M. CAP	50V		22nF	
C2596	ECUV1H333KBX	S.M. CAP	50V		33nF	
C2597	ECUV1H333KBX	S.M. CAP	50V		33nF	
TERMINALS AND LINKS						
JK351	0330550049	CRT SOCKET				⚠

DIFFERENCES FOR MODEL TX--28PL30F

EXPLODED VIEW			
14	TNPH0348CD	A P.C.B.	⚠
15	ZTBZAD550A	ANODE CABLE	⚠
16	TKU8E00680	BACK COVER	⚠
17	W66EKT10X71	C.R.T.	⚠
18	TKY8E560-1	CABINET	⚠
19	TMW8E045	CONTROL BRACKET	
20	TNPH0349AE	D P.C.B.	⚠
21	TLK8E05175	DEGAUSS COIL	⚠
23	ZTFM77020A	FBT	⚠
24	TXJF0C0CJFG	FOCUS LEAD ASSEMBLY	⚠
25	TNP8EG004AC	G P.C.B.	⚠
26	TNPA1726AC	L P.C.B.	⚠
27	TQF8E3222	MODEL LABEL	⚠
28	TBMA060	PANASONIC BADGE	
MISCELLANEOUS COMPONENTS			
	EASG7D506B2	SPEAKER TWEETER	
.	TBLG3019	SET FOOT (FRONT)	
.	TBLG3020	SET FOOT (REAR)	
.	TBM8E2138	PRESET LABELRIGHT	
.	TES2298	CRT EARTH SPRING	
.	TKK8E026	SPEAKER REFLECTOR	
.	TKP8E1370	SPEAKER PANEL LEFT	
.	TKP8E1375	SPEAKER PANEL RIGHT	
.	TKP8E1380	BOTTOM PANEL LEFT	
.	TKP8E1394	BOTTOM RIGHT PANEL	
.	TPC8E4906	CARTON	
.	TPD8E757	TOP CUSHON	
.	TPD8E758	BOTTOM CUSHION	
ROT	TLK8E05165	ROTATION COIL	⚠
INSTRUCTION BOOKS			
	TQB8E3378AE4	GERMAN/SPANISH	⚠
	TQB8E3378BD4	DUTCH/FRENCH	⚠
	TQB8E3378FG4	SWEDISH/NORWEGIAN	⚠
	TQB8E3378HK4	FINNISH(SUOMI)/DANISH	⚠

Cct Ref	Parts Number	Description				
I.C.s						
IC451	LA7845N	VERTICAL OUTPUT				
IC1104	X24BR200-2NF	EAROM*				
IC1252	PQ30RV21B	2.5V REGULATOR				
IC1301	C1AB00001468	VIDEO PROCESSOR				
DIODES						
D855	FMGG2CS	DIODE				
COILS						
L558	EXCELDR35C	COIL				
L574	ELHKLB070B	COIL				
L576	ELC18B221F	COIL				⚠
L579	ELHKLB061B	COIL				
L702	ELC18B121G	CHOKE COIL				
L2005	EXCELDR35V	COIL				
RESISTORS						
JSA81	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
R353	ERJ6ENF1331	S.M.CARB	0.1W	1%	330 Ω	
R363	ERJ6ENF1331	S.M.CARB	0.1W	1%	330 Ω	
R372	ERJ6ENF1331	S.M.CARB	0.1W	1%	330 Ω	
R451	ERDS1TJ3R3	CARBON	0.5W	5%	3R3 Ω	
R452	ERDS1TJ3R3	CARBON	0.5W	5%	3R3 Ω	
R509	ERX3FJ6R8H	METAL	3W	5%	6.8 Ω	
R555	ERD25TJ473	CARBON	0.25W	5%	47K Ω	
R556	ERF2AKR22	WOUND	0.5W	5%	R22 Ω	
R558	ERDS2TJ333T	CARBON	2W	5%	33K Ω	
R559	ERD25TJ273	CARBON	0.25W	5%	27K Ω	
R560	ERD25TJ393	CARBON	0.25W	5%	39K Ω	
R572	ERD25TJ153	CARBON	0.25W	5%	15K Ω	
R581	ERD25TJ623	CARBON	0,25W	5%	62K Ω	
R582	ERD25TJ274	CARBON	0.25W	5%	270K Ω	
R583	ERDS2TJ562	CARBON	2W	5%	5.6K Ω	
R586	ERQ12HJ2R7	FUSIBLE	0.5W	5%	2.7 Ω	
R591	EROS2TKF8871	METAL	2W	1%	8.87K Ω	
R806	ERX12SZJR12	METAL	0.5W	5%	R12 Ω	
R810	ERX12SZJR12	METAL	0.5W	5%	R12 Ω	
R819	ERD25TJ681	CARBON	0.25W	5%	680 Ω	
R836	ERDS2TJ152T	CARBON	0.5W	5%	1K5 Ω	
R965	ERJ6GEYJ683	S.M.CARB	0.1W	5%	68K Ω	
R967	ERJ6GEYJ683	S.M.CARB	0.1W	5%	68K Ω	
R1458	ERJ6ENF6801	S.M.CARB	0.1W	1%	6K8 Ω	
CAPACITORS						
C062	ECJ2VF1C104Z	CERAMIC	16V		100nF	
C554	ECKC3D681J	CERAMIC	2KV		680pF	⚠
C558	ECWH20472JVB	FILM	200V		4.7nF	
C559	ECQF4123JZH	FILM	400V		12nF	⚠
C561	ECWH20472JVB	FILM	200V		4.7nF	
C562	ECQF4273JZH	FILM	400V		27nF	⚠
C573	ECKC2H103J	CERAMIC	500V		10nF	⚠
C578	ECWF4684JBB	FILM	400V		680nF	
C579	ECWF4304JBP	FILM	400V		300nF	
C580	ECWF4304JBP	FILM	400V		300nF	
C586	ECQB1H473K	FILM	50V		47nF	
C823	ECQF4123JZH	FILM	400V		12nF	⚠
C858	ECKC3D182JB	CERAMIC	2KV		1.8nF	⚠
C1406	ECJ2VF1C105Z	CERAMIC	16V		1pF	
C1409	ECJ2VF1C105Z	CERAMIC	16V		1pF	
C1520	ECQV1H104J	FILM	50V		100nF	
C2313	ECUV1H222KBX	S.M. CAP	50V		2.2nF	
C2324	ECUV1H222KBX	S.M. CAP	50V		2.2nF	
C2360	ECUV1H223KBX	S.M. CAP	50V		22nF	
C2392	ECUV1H223KBX	S.M. CAP	50V		22nF	
C2596	ECUV1H333KBX	S.M. CAP	50V		33nF	
C2597	ECUV1H333KBX	S.M. CAP	50V		33nF	

Cct Ref	Parts Number	Description				
TERMINALS AND LINKS						
JK351	0330550049	CRT SOCKET				⚠

DIFFERENCES FOR MODEL TX--28PL30FP

EXPLODED VIEW

14	TNPH0348CD	A P.C.B.				⚠
15	ZTBZAD550A	ANODE CABLE				⚠
16	TKU8E00680	BACK COVER				⚠
17	W66EKT10X71	C.R.T.				⚠
18	TKY8E560-1	CABINET				⚠
19	TMW8E045	CONTROL BRACKET				
20	TNPH0349AE	D P.C.B.				⚠
21	TLK8E05175	DEGAUSS COIL				⚠
23	ZTFM77020A	FBT				⚠
24	TXJF0C0CJFG	FOCUS LEAD ASSEMBLY				⚠
25	TNP8EG004AC	G P.C.B.				⚠
26	TNPA1726AC	L P.C.B.				⚠
27	TQF8E3224	MODEL LABEL				⚠
28	TBMA060	PANASONIC BADGE				
MISCELLANEOUS COMPONENTS						
	EASG7D506B2	SPEAKER TWEETER				
.	TBLG3019	SET FOOT (FRONT)				
.	TBLG3020	SET FOOT (REAR)				
.	TBM8E2138	PRESET LABELRIGHT				
.	TES2298	CRT EARTH SPRING				
.	TKK8E026	SPEAKER REFLECTOR				
.	TKP8E1370	SPEAKER PANEL LEFT				
.	TKP8E1375	SPEAKER PANEL RIGHT				
.	TKP8E1380	BOTTOM PANEL LEFT				
.	TKP8E1394	BOTTOM RIGHT PANEL				
.	TPC8E4906	CARTON				
.	TPD8E757	TOP CUSHON				
.	TPD8E758	BOTTOM CUSHION				
ROT	TLK8E05165	ROTATION COIL				⚠
INSTRUCTION BOOKS						
	TQB8E3380MN4	BULGARIAN/ROMANIAN				⚠
	TQB8E3380PQ4	POLISH/HUNGARIAN				⚠
	TQB8E3380RU4	CZECH/ENGLISH				⚠
I.C.s						
IC451	LA7845N	VERTICAL OUTPUT				
IC1102	X24BR200-2NP	EAROM*				
IC1252	PQ30RV21B	2.5V REGULATOR				
IC1301	C1AB00001468	VIDEO PROCESSOR				
DIODES						
D855	FMGG2CS	DIODE				
COILS						
L558	EXCELDR35C	COIL				
L574	ELHKLB070B	COIL				
L576	ELC18B221F	COIL				⚠
L579	ELHKLB061B	COIL				
L702	ELC18B121G	CHOKE COIL				
L2005	EXCELDR35V	COIL				
RESISTORS						
JSA81	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
R353	ERJ6ENF1331	S.M.CARB	0.1W	1%	330 Ω	
R363	ERJ6ENF1331	S.M.CARB	0.1W	1%	330 Ω	
R372	ERJ6ENF1331	S.M.CARB	0.1W	1%	330 Ω	
R451	ERDS1TJ3R3	CARBON	0.5W	5%	3R3 Ω	
R452	ERDS1TJ3R3	CARBON	0.5W	5%	3R3 Ω	
R509	ERX3FJ6R8H	METAL	3W	5%	6R8 Ω	
R555	ERD25TJ473	CARBON	0.25W	5%	47K Ω	
R556	ERF2AKR22	WOUND	0.5W	5%	R22 Ω	

Cct Ref	Parts Number	Description				
R558	ERDS2TJ333T	CARBON	2W	5%	33K Ω	
R559	ERD25TJ273	CARBON	0.25W	5%	27K Ω	
R560	ERD25TJ393	CARBON	0.25W	5%	39K Ω	
R572	ERD25TJ153	CARBON	0.25W	5%	15K Ω	
R581	ERD25TJ623	CARBON	0,25W	5%	62K Ω	
R582	ERD25TJ274	CARBON	0.25W	5%	270K Ω	
R583	ERDS2TJ562	CARBON	2W	5%	5.6K Ω	
R586	ERQ12HJ2R7	FUSIBLE	0.5W	5%	2.7 Ω	
R591	EROS2TKF8871	METAL	2W	1%	8.87K Ω	
R806	ERX12SZJR12	METAL	0.5W	5%	R12 Ω	
R810	ERX12SZJR12	METAL	0.5W	5%	R12 Ω	
R819	ERD25TJ681	CARBON	0.25W	5%	680 Ω	
R836	ERDS2TJ152T	CARBON	0.5W	5%	1K5 Ω	
R965	ERJ6GEYJ683	S.M.CARB	0.1W	5%	68K Ω	
R967	ERJ6GEYJ683	S.M.CARB	0.1W	5%	68K Ω	
R1458	ERJ6ENF6801	S.M.CARB	0.1W	1%	6K8 Ω	
CAPACITORS						
C062	ECJ2VF1C104Z	CERAMIC	16V		100nF	
C554	ECKC3D681J	CERAMIC	2KV		680pF	⚠
C558	ECWH20472JVB	FILM	200V		4.7nF	
C559	ECQF4123JZH	FILM	400V		12nF	⚠
C561	ECWH20472JVB	FILM	200V		4.7nF	
C562	ECQF4273JZH	FILM	400V		27nF	⚠
C573	ECKC2H103J	CERAMIC	500V		10nF	⚠
C578	ECWF4684JBB	FILM	400V		680nF	
C579	ECWF4304JBP	FILM	400V		300nF	
C580	ECWF4304JBP	FILM	400V		300nF	
C586	ECQB1H473K	FILM	50V		47nF	
C823	ECQF4123JZH	FILM	400V		12nF	⚠
C858	ECKC3D182JB	CERAMIC	2KV		1.8nF	⚠
C1406	ECJ2VF1C105Z	CERAMIC	16V		1pF	
C1409	ECJ2VF1C105Z	CERAMIC	16V		1pF	
C1520	ECQV1H104J	FILM	50V		100nF	
C2313	ECUV1H222KBX	S.M. CAP	50V		2.2nF	
C2324	ECUV1H222KBX	S.M. CAP	50V		2.2nF	
C2360	ECUV1H223KBX	S.M. CAP	50V		22nF	
C2392	ECUV1H223KBX	S.M. CAP	50V		22nF	
C2596	ECUV1H333KBX	S.M. CAP	50V		33nF	
C2597	ECUV1H333KBX	S.M. CAP	50V		33nF	
TERMINALS AND LINKS						
JK351	0330550049	CRT SOCKET				⚠

DIFFERENCES FOR MODEL TX--32PL30D

EXPLODED VIEW

14	TNPH0348BV	A P.C.B.	⚠
15	ZTBZAD550A	ANODE CABLE	⚠
16	TKU8E00670	BACK COVER	⚠
17	W76EKW10X72	C.R.T.	⚠
18	TKY8E550	CABINET	⚠
19	TMW8E045	CONTROL BRACKET	
20	TNPH0349AC	D P.C.B.	⚠
21	TLK8E05123	DEGAUSS COIL	⚠
22	TNPA1806	DF P.C.B.	⚠
23	ZTFM77009A	FBT	⚠
24	TXJF0C0EFG	FOCUS LEAD ASSEMBLY	⚠
25	TNP8EG004AA	G P.C.B.	⚠
26	TNP8EL014AA	L P.C.B.	⚠
27	TQF8E3211	MODEL LABEL	⚠
28	TBMA060	PANASONIC BADGE	

MISCELLANEOUS COMPONENTS

	EASG7D506B2	SPEAKER TWEETER
.	TBM8E2138	PRESET LABELRIGHT
.	TES2298	CRT EARTH SPRING
.	TKK8E026	SPEAKER REFLECTOR

Cct Ref	Parts Number	Description	
.	TKP8E1339	SPEAKER PANEL LEFT	
.	TKP8E1344	SPEAKER PANEL RIGHT	
.	TKP8E1350	BOTTOM PANEL LEFT	
.	TKP8E1364	BOTTOM PANEL RIGHT	
.	TPC8E4903	CARTON	
.	TPD8E761	TOP CUSHION	
.	TPD8E762	BOTTOM CUSHION	
.	TPD8E776	SUB CUSHON	
.	TZS1EK002	SERVICE PACK	
CAN	TLK8E05124	GEOMAGNETIC COIL	⚠
R537	ERC12GK104V	DEGAUSS RESISTOR	
INSTRUCTION BOOKS			
	TQB8E3346A4	GERMAN	⚠
	TQB8E3346C4	ITALIAN	⚠
	TQB8E3346D4	FRENCH	⚠
I.C.s			
IC451	LA7845N	VERTICAL OUTPUT	
IC1104	X24BR200-4LD	EAROM *	
IC1252	PQ30RV21B	2.5V REGULATOR	
IC1301	C1AB00001468	VIDEO PROCESSOR	
DIODES			
D521	AU02AV0	DIODE	
D522	AU02AV0	DIODE	
D523	MA165TA5	DIODE	
D524	MA165TA5	DIODE	
D525	RP1HLFA5	DIODE	
D526	RP1HLFA5	DIODE	
D855	FMGG2CS	DIODE	
TRANSISTORS			
Q463	BC847B	TRANSISTOR	
Q521	2SK1006RF122	TRANSISTOR	
Q522	2SC3311ATA	TRANSISTOR	
Q523	2SC3311ATA	TRANSISTOR	
Q524	2SC5460LB	TRANSISTOR	
Q525	2SC3311ATA	TRANSISTOR	
TRANSFORMERS			
T701	ETF18L101A	TRANSFORMER	⚠
COILS			
L574	ELHKLB040B	COIL	
L576	ELC18B801L	COIL	
L579	ELHKLB061B	COIL	
L702	ELC18B121E	COIL	
L2005	EXCELDR35V	COIL	
RESISTORS			
JSA81	ERJ6GEY0R00	S.M.CARB	0.1W 5% 0 Ω
R353	ERJ6ENF1501	S.M.CARB	0.1W 1% 1R5K Ω
R363	ERJ6ENF1501	S.M.CARB	0.1W 1% 1R5K Ω
R372	ERJ6ENF1501	S.M.CARB	0.1W 1% 1R5K Ω
R386	ERJ6GEYJ101	S.M.CARB	0.1W 5% 100 Ω
R451	ERDS1TJ2R7	CARBON	0.5W 5% 2R7 Ω
R452	ERDS1TJ2R7	CARBON	0.5W 5% 2R7 Ω
R473	ERJ6GEYJ222	S.M.CARB	0.1W 5% 2K2 Ω
R474	ERJ6GEYJ103	S.M.CARB	0.1W 5% 10K Ω
R509	ERX3FJ1R0	METAL	3W 5% 1 Ω
R520	ERD25TJ153	CARBON	0.25W 5% 15K Ω
R521	ERG2FJS123	METAL	2W 5% 12K Ω
R522	ERD25TJ101	CARBON	0.25W 5% 100 Ω
R523	ERD25TJ103	CARBON	0.25W 5% 10K Ω
R524	ERD25TJ103	CARBON	0.25W 5% 10K Ω
R525	ERD25TJ102	CARBON	0.25W 5% 1K Ω
R526	ERC14GK184	SOLID	0.25W 5% 180K Ω
R527	ERC14GK224	SOLID	1/4W 5% 220K Ω ⚠
R530	ERD25TJ101	CARBON	0.25W 5% 100 Ω
R531	ERC14GK334	SOLID	0.25W 10% 330K Ω

Cct Ref	Parts Number	Description				
R532	ERD25TJ473	CARBON	0.25W	5%	47K Ω	
R533	ERG3FJS821	METAL	3W	5%	820 Ω	
R534	ERDS2TJ333T	CARBON	2W	5%	33K Ω	
R535	ERG1FJS332	METAL	1W	5%	3R3K Ω	
R536	ERG3FJS821	METAL	3W	5%	820 Ω	
R538	ERC14GK225	SOLID	1/4W	5%	2.2M Ω	
R540	ERD25TJ560	CARBON	0.25W	5%	56 Ω	
R555	ERD25TJ473	CARBON	0.25W	5%	47K Ω	
R556	ERF2AKR22	WOUND	0.5W	5%	R22 Ω	
R558	ERDS1TJ333	CARBON	0.5W	5%	33K Ω	
R559	ERD25TJ273	CARBON	0.25W	5%	27K Ω	
R560	ERD25TJ183	CARBON	0.25W	5%	18K Ω	
R581	ERDS2TJ104T	CARBON	2W	5%	100K Ω	
R582	ERD25TJ124	CARBON	0.25W	5%	120K Ω	
R583	ERD25TJ103	CARBON	0.25W	5%	10K Ω	
R586	ERQ2CJP2R2	METAL	2W	5%	2R2 Ω	⚠
R591	ERO25TKF9311	METAL	0,25W	1%	9K31 Ω	
R806	ERX12SZJR12	METAL	0.5W	5%	R12 Ω	
R810	ERX12SZJR12	METAL	0.5W	5%	R12 Ω	
R819	ERD25TJ681	CARBON	0.25W	5%	680 Ω	
R836	ERDS2TJ152T	CARBON	0.5W	5%	1K5 Ω	
R965	ERJ6GEYJ683	S.M.CARB	0.1W	5%	68K Ω	
R967	ERJ6GEYJ683	S.M.CARB	0.1W	5%	68K Ω	
R1458	ERJ6ENF6801	S.M.CARB	0.1W	1%	6K8 Ω	
R2723	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3 Ω	
CAPACITORS						
C062	ECJ2VF1C104Z	CERAMIC	16V		100nF	
C473	ECQV1H104J	FILM	50V		100nF	
C474	ECJ2VF1H103Z	CERAMIC	50V		10nF	
C521	ECKC3A152J	CERAMIC	1KV		1500pF	⚠
C522	ECKC3A272J	CERAMIC	1KV		2.7µF	
C523	ECKC3A151J	CERAMIC	1KV		150pF	⚠
C524	ECQM6223JZW	FILM	600V		22nF	
C525	ECQM4223JZW	FILM	400V		22nF	
C526	ECKC3D101J	CERAMIC	2KV		100pF	⚠
C527	ECA1HM010GB	ELECT	50V		1µF	
C528	ECKC3D471JB	CERAMIC	2KV		470pF	⚠
C529	ECA1HM100GB	ELECT	50V		10µF	
C530	ECKC3A681J	CERAMIC	1KV		680pF	⚠
C531	ECKC3D102J	CERAMIC	2KV		1nF	⚠
C554	ECKC3D681J	CERAMIC	2KV		680pF	⚠
C558	ECWH20472JVB	FILM	200V		4.7nF	
C559	ECQF4123JZH	FILM	400V		12nF	⚠
C561	ECWH20512JVB	FILM	200V		5.1nF	
C562	ECQM4223KC	FILM	400V		220nF	
C577	ECWF2274JBB	FILM	200V		270nF	
C578	ECWF4304JBP	FILM	400V		300nF	
C579	ECWF4334JBB	FILM	400V		330nF	
C580	ECWF4474JBB	FILM	400V		470nF	
C583	ECQB1H223K	FILM	50V		22nF	
C823	ECQF4123JZH	FILM	400V		12nF	⚠
C858	ECKC3D182JB	CERAMIC	2KV		1.8nF	⚠
C1406	ECJ2VF1C105Z	CERAMIC	16V		1pF	
C1409	ECJ2VF1C105Z	CERAMIC	16V		1pF	
C2313	ECUV1H222KBX	S.M. CAP	50V		2.2nF	
C2324	ECUV1H222KBX	S.M. CAP	50V		2.2nF	
C2360	ECUV1H223KBX	S.M. CAP	50V		22nF	
C2392	ECUV1H223KBX	S.M. CAP	50V		22nF	
C2596	ECUV1H333KBX	S.M. CAP	50V		33nF	
C2597	ECUV1H333KBX	S.M. CAP	50V		33nF	
TERMINALS AND LINKS						
JK3401	0350536400	SCART SOCKET				
JK3402	0350536400	SCART SOCKET				
JK3403	0350536400	SCART SOCKET				

Cct Ref	Parts Number	Description	
DIFFERENCES FOR MODEL TX--32PL30F			
EXPLODED VIEW			
14	TNPH0348BW	A P.C.B.	⚠
15	ZTBZAD550A	ANODE CABLE	⚠
16	TKU8E00670	BACK COVER	⚠
17	W76EKW10X72	C.R.T.	⚠
18	TKY8E550	CABINET	⚠
19	TMW8E045	CONTROL BRACKET	
20	TNPH0349AC	D P.C.B.	⚠
21	TLK8E05123	DEGAUSS COIL	⚠
22	TNPA1806	DF P.C.B.	⚠
23	ZTFM77009A	FBT	⚠
24	TXJF0C0EFG	FOCUS LEAD ASSEMBLY	⚠
25	TNP8EG004AA	G P.C.B.	⚠
26	TNP8EL014AA	L P.C.B.	⚠
27	TQF8E3209	MODEL LABEL	⚠
28	TBMA060	PANASONIC BADGE	
MISCELLANEOUS COMPONENTS			
	EASG7D506B2	SPEAKER TWEETER	
.	TBM8E2138	PRESET LABELRIGHT	
.	TES2298	CRT EARTH SPRING	
.	TKP8E1339	SPEAKER PANEL LEFT	
.	TKP8E1344	SPEAKER PANEL RIGHT	
.	TKP8E1350	BOTTOM PANEL LEFT	
.	TKP8E1364	BOTTOM PANEL RIGHT	
.	TPC8E4903	CARTON	
.	TPD8E761	TOP CUSHION	
.	TPD8E762	BOTTOM CUSHION	
.	TPD8E776	SUB CUSHON	
.	TZS1EK002	SERVICE PACK	
CAN	TLK8E05124	GEOMAGNETIC COIL	⚠
R537	ERC12GK104V	DEGAUSS RESISTOR	
ROT	TLK8E05177	ROTATION COIL	⚠
INSTRUCTION BOOKS			
	TQB8E3348AE4	GERMAN/SPANISH	⚠
	TQB8E3348BD4	DUTCH/FRENCH	⚠
	TQB8E3348FG4	SWEDISH/NORWEGIAN	⚠
	TQB8E3348HK4	DANISH/FINNISH	⚠
I.C.s			
IC451	LA7845N	VERTICAL OUTPUT	
IC1104	X24BR200-4LF	EAROM*	
IC1252	PQ30RV2B	REGULATOR IC	
IC1301	C1AB00001494	VIDEO PROCESSOR/SYNC G	
DIODES			
D521	AU02AV0	DIODE	
D522	AU02AV0	DIODE	
D523	MA165TA5	DIODE	
D524	MA165TA5	DIODE	
D525	RP1HLFA5	DIODE	
D526	RP1HLFA5	DIODE	
D851	FMGG2CS	DIODE	
TRANSISTORS			
Q463	BC847B	TRANSISTOR	
Q521	2SK1006RF122	TRANSISTOR	
Q522	2SC3311ATA	TRANSISTOR	
Q523	2SC3311ATA	TRANSISTOR	
Q524	2SC5460LB	TRANSISTOR	
Q525	2SC3311ATA	TRANSISTOR	
TRANSFORMERS			
T701	ETF18L101A	TRANSFORMER	⚠

Cct Ref	Parts Number	Description				
COILS						
L574	ELHKLB040B	COIL				
L576	ELC18B801L	COIL				
L579	ELHKLB061B	COIL				
L702	ELC18B121E	COIL				
RESISTORS						
JSA81	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
R353	ERJ6ENF1501	S.M.CARB	0.1W	1%	1R5K Ω	
R363	ERJ6ENF1501	S.M.CARB	0.1W	1%	1R5K Ω	
R372	ERJ6ENF1501	S.M.CARB	0.1W	1%	1R5K Ω	
R386	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω	
R451	ERDS1TJ2R7	CARBON	0.5W	5%	2R7 Ω	
R452	ERDS1TJ2R7	CARBON	0.5W	5%	2R7 Ω	
R473	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2 Ω	
R474	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω	
R509	ERX3FJ1R0	METAL	3W	5%	1 Ω	
R520	ERD25TJ153	CARBON	0.25W	5%	15K Ω	
R521	ERG2FJS123	METAL	2W	5%	12K Ω	
R522	ERD25TJ101	CARBON	0.25W	5%	100 Ω	
R523	ERD25TJ103	CARBON	0.25W	5%	10K Ω	
R524	ERD25TJ103	CARBON	0.25W	5%	10K Ω	
R525	ERD25TJ102	CARBON	0.25W	5%	1K Ω	
R526	ERC14GK184	SOLID	0.25W	5%	180K Ω	
R527	ERC14GK224	SOLID	1/4W	5%	220K Ω	⚠
R530	ERD25TJ101	CARBON	0.25W	5%	100 Ω	
R531	ERC14GK334	SOLID	0.25W	10%	330K Ω	
R532	ERD25TJ473	CARBON	0.25W	5%	47K Ω	
R533	ERG3FJS821	METAL	3W	5%	820 Ω	
R534	ERDS2TJ333T	CARBON	2W	5%	33K Ω	
R535	ERG1FJS332	METAL	1W	5%	3R3K Ω	
R536	ERG3FJS821	METAL	3W	5%	820 Ω	
R538	ERC14GK225	SOLID	1/4W	5%	2.2M Ω	
R540	ERD25TJ560	CARBON	0.25W	5%	56 Ω	
R555	ERD25TJ473	CARBON	0.25W	5%	47K Ω	
R556	ERF2AKR22	WOUND	0.5W	5%	R22 Ω	
R558	ERDS1TJ333	CARBON	0.5W	5%	33K Ω	
R559	ERD25TJ273	CARBON	0.25W	5%	27K Ω	
R560	ERD25TJ183	CARBON	0.25W	5%	18K Ω	
R581	ERDS2TJ104T	CARBON	2W	5%	100K Ω	
R582	ERD25TJ124	CARBON	0.25W	5%	120K Ω	
R583	ERD25TJ103	CARBON	0.25W	5%	10K Ω	
R586	ERQ2CJP2R2	METAL	2W	5%	2R2 Ω	⚠
R591	ERO25TKF9311	METAL	0,25W	1%	9K31 Ω	
R806	ERX12SZJR12	METAL	0.5W	5%	R12 Ω	
R810	ERX12SZJR12	METAL	0.5W	5%	R12 Ω	
R819	ERD25TJ681	CARBON	0.25W	5%	680 Ω	
R836	ERDS2TJ152T	CARBON	0.5W	5%	1K5 Ω	
R965	ERJ6GEYJ683	S.M.CARB	0.1W	5%	68K Ω	
R967	ERJ6GEYJ683	S.M.CARB	0.1W	5%	68K Ω	
R1458	ERJ6ENF6801	S.M.CARB	0.1W	1%	6K8 Ω	
R2723	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3 Ω	
CAPACITORS						
C062	ECJ2VF1C104Z	CERAMIC	16V		100nF	
C473	ECQV1H104J	FILM	50V		100nF	
C474	ECJ2VF1H103Z	CERAMIC	50V		10nF	
C521	ECKC3A152J	CERAMIC	1KV		1500pF	⚠
C522	ECKC3A272J	CERAMIC	1KV		2.7µF	
C523	ECKC3A151J	CERAMIC	1KV		150pF	⚠
C524	ECQM6223JZW	FILM	600V		22nF	
C525	ECQM4223JZW	FILM	400V		22nF	
C526	ECKC3D101J	CERAMIC	2KV		100pF	⚠
C527	ECA1HM010GB	ELECT	50V		1µF	
C528	ECKC3D471JB	CERAMIC	2KV		470pF	⚠
C529	ECA1HM100GB	ELECT	50V		10µF	
C530	ECKC3A681J	CERAMIC	1KV		680pF	⚠

Cct Ref	Parts Number	Description			
C531	ECKC3D102J	CERAMIC	2KV	1nF	⚠
C554	ECKC3D681J	CERAMIC	2KV	680pF	⚠
C558	ECWH20472JVB	FILM	200V	4.7nF	
C559	ECQF4123JZH	FILM	400V	12nF	⚠
C561	ECWH20512JVB	FILM	200V	5.1nF	
C562	ECQM4223KC	FILM	400V	220nF	
C577	ECWF2274JBB	FILM	200V	270nF	
C578	ECWF4304JBP	FILM	400V	300nF	
C579	ECWF4334JBB	FILM	400V	330nF	
C580	ECWF4474JBB	FILM	400V	470nF	
C583	ECQB1H223K	FILM	50V	22nF	
C823	ECQF4123JZH	FILM	400V	12nF	⚠
C858	ECKC3D182JB	CERAMIC	2KV	1.8nF	⚠
C1406	TACCN0J105KT	CERAMIC	6.3V	1µF	
C1409	TACCN0J105KT	CERAMIC	6.3V	1µF	
C2313	ECJ2VB1H223K	CERAMIC	50V	22nF	
C2324	ECJ2VB1H223K	CERAMIC	50V	22nF	
C2360	ECJ2VB1H223K	CERAMIC	50V	22nF	
C2392	ECJ2VB1H223K	CERAMIC	50V	22nF	
C2596	ECJ2YB1H333K	CERAMIC	50V	33nF	
C2597	ECJ2YB1H333K	CERAMIC	50V	33nF	
TERMINALS AND LINKS					
JK351	TJS1A5330	CRT SOCKET			⚠
JK3401	0350536400	SCART SOCKET			
JK3402	0350536400	SCART SOCKET			
JK3403	0350536400	SCART SOCKET			

DIFFERENCES FOR MODEL TX--32PL30FP

EXPLODED VIEW

14	TNPH0348BX	A P.C.B.	⚠
15	ZTBZAD550A	ANODE CABLE	⚠
16	TKU8E00670	BACK COVER	⚠
17	W76EKW10X72	C.R.T.	⚠
18	TKY8E550	CABINET	⚠
19	TMW8E045	CONTROL BRACKET	
20	TNPH0349AC	D P.C.B.	⚠
21	TLK8E05123	DEGAUSS COIL	⚠
22	TNPA1806	DF P.C.B.	⚠
23	ZTFM77009A	FBT	⚠
24	TXJF0C0EFG	FOCUS LEAD ASSEMBLY	⚠
25	TNP8EG004AA	G P.C.B.	⚠
26	TNP8EL014AA	L P.C.B.	⚠
27	TQF8E3210	MODEL LABEL	⚠
28	TBMA060	PANASONIC BADGE	

MISCELLANEOUS COMPONENTS

	EASG7D506B2	SPEAKER TWEETER	
.	TBM8E2138	PRESET LABELRIGHT	
.	TES2298	CRT EARTH SPRING	
.	TKK8E026	SPEAKER REFLECTOR	
.	TKP8E1339	SPEAKER PANEL LEFT	
.	TKP8E1344	SPEAKER PANEL RIGHT	
.	TKP8E1350	BOTTOM PANEL LEFT	
.	TKP8E1364	BOTTOM PANEL RIGHT	
.	TPC8E4903	CARTON	
.	TPD8E761	TOP CUSHION	
.	TPD8E762	BOTTOM CUSHION	
.	TPD8E776	SUB CUSHON	
.	TZS1EK002	SERVICE PACK	
CAN	TLK8E05124	GEOMAGNETIC COIL	⚠
R537	ERC12GK104V	DEGAUSS RESISTOR	

INSTRUCTION BOOKS

	TQB8E3350MN4	BULGARIAN/ROMANIAN	⚠
	TQB8E3350PQ4	POLISH/HUNGARIAN	⚠
	TQB8E3350RU4	CZECH/ENGLISH	⚠

Cct Ref	Parts Number	Description				
I.C.s						
IC451	LA7845N	VERTICAL OUTPUT				
IC1104	X24BR200-4LP	EAROM*				
IC1252	PQ30RV21B	2.5V REGULATOR				
IC1301	C1AB00001468	VIDEO PROCESSOR				
DIODES						
D521	AU02AV0	DIODE				
D522	AU02AV0	DIODE				
D523	MA165TA5	DIODE				
D524	MA165TA5	DIODE				
D525	RP1HLFA5	DIODE				
D526	RP1HLFA5	DIODE				
D855	FMGG2CS	DIODE				
TRANSISTORS						
Q463	BC847B	TRANSISTOR				
Q521	2SK1006RF122	TRANSISTOR				
Q522	2SC3311ATA	TRANSISTOR				
Q523	2SC3311ATA	TRANSISTOR				
Q524	2SC5460LB	TRANSISTOR				
Q525	2SC3311ATA	TRANSISTOR				
TRANSFORMERS						
T701	ETF18L101A	TRANSFORMER				⚠
COILS						
L574	ELHKLB040B	COIL				
L576	ELC18B801L	COIL				
L579	ELHKLB061B	COIL				
L702	ELC18B121E	COIL				
L2005	EXCELDR35V	COIL				
RESISTORS						
JSA81	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0 Ω	
R353	ERJ6ENF1501	S.M.CARB	0.1W	1%	1R5K Ω	
R363	ERJ6ENF1501	S.M.CARB	0.1W	1%	1R5K Ω	
R372	ERJ6ENF1501	S.M.CARB	0.1W	1%	1R5K Ω	
R386	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100 Ω	
R451	ERDS1TJ2R7	CARBON	0.5W	5%	2R7 Ω	
R452	ERDS1TJ2R7	CARBON	0.5W	5%	2R7 Ω	
R473	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2 Ω	
R474	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω	
R509	ERX3FJ1R0	METAL	3W	5%	1 Ω	
R520	ERD25TJ153	CARBON	0.25W	5%	15K Ω	
R521	ERG2FJS123	METAL	2W	5%	12K Ω	
R522	ERD25TJ101	CARBON	0.25W	5%	100 Ω	
R523	ERD25TJ103	CARBON	0.25W	5%	10K Ω	
R524	ERD25TJ103	CARBON	0.25W	5%	10K Ω	
R525	ERD25TJ102	CARBON	0.25W	5%	1K Ω	
R526	ERC14GK184	SOLID	0.25W	5%	180K Ω	
R527	ERC14GK224	SOLID	1/4W	5%	220K Ω	⚠
R530	ERD25TJ101	CARBON	0.25W	5%	100 Ω	
R531	ERC14GK334	SOLID	0.25W	10%	330K Ω	
R532	ERD25TJ473	CARBON	0.25W	5%	47K Ω	
R533	ERG3FJS821	METAL	3W	5%	820 Ω	
R534	ERDS2TJ333T	CARBON	2W	5%	33K Ω	
R535	ERG1FJS332	METAL	1W	5%	3R3K Ω	
R536	ERG3FJS821	METAL	3W	5%	820 Ω	
R538	ERC14GK225	SOLID	1/4W	5%	2.2M Ω	
R540	ERD25TJ560	CARBON	0.25W	5%	56 Ω	
R555	ERD25TJ473	CARBON	0.25W	5%	47K Ω	
R556	ERF2AKR22	WOUND	0.5W	5%	R22 Ω	
R558	ERDS1TJ333	CARBON	0.5W	5%	33K Ω	
R559	ERD25TJ273	CARBON	0.25W	5%	27K Ω	
R560	ERD25TJ183	CARBON	0.25W	5%	18K Ω	
R581	ERDS2TJ104T	CARBON	2W	5%	100K Ω	
R582	ERD25TJ124	CARBON	0.25W	5%	120K Ω	
R583	ERD25TJ103	CARBON	0.25W	5%	10K Ω	

Cct Ref	Parts Number	Description				
R586	ERQ2CJP2R2	METAL	2W	5%	2R2 Ω	⚠
R591	ERO25TKF9311	METAL	0,25W	1%	9K31 Ω	
R806	ERX12SZJR12	METAL	0.5W	5%	R12 Ω	
R810	ERX12SZJR12	METAL	0.5W	5%	R12 Ω	
R819	ERD25TJ681	CARBON	0.25W	5%	680 Ω	
R836	ERDS2TJ152T	CARBON	0.5W	5%	1K5 Ω	
R965	ERJ6GEYJ683	S.M.CARB	0.1W	5%	68K Ω	
R967	ERJ6GEYJ683	S.M.CARB	0.1W	5%	68K Ω	
R1458	ERJ6ENF6801	S.M.CARB	0.1W	1%	6K8 Ω	
R2723	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3 Ω	
CAPACITORS						
C062	ECJ2VF1C104Z	CERAMIC	16V		100nF	
C473	ECQV1H104J	FILM	50V		100nF	
C474	ECJ2VF1H103Z	CERAMIC	50V		10nF	
C521	ECKC3A152J	CERAMIC	1KV		1500pF	⚠
C522	ECKC3A272J	CERAMIC	1KV		2.7µF	
C523	ECKC3A151J	CERAMIC	1KV		150pF	⚠
C524	ECQM6223JZW	FILM	600V		22nF	
C525	ECQM4223JZW	FILM	400V		22nF	
C526	ECKC3D101J	CERAMIC	2KV		100pF	⚠
C527	ECA1HM010GB	ELECT	50V		1µF	
C528	ECKC3D471JB	CERAMIC	2KV		470pF	⚠
C529	ECA1HM100GB	ELECT	50V		10µF	
C530	ECKC3A681J	CERAMIC	1KV		680pF	⚠
C531	ECKC3D102J	CERAMIC	2KV		1nF	⚠
C554	ECKC3D681J	CERAMIC	2KV		680pF	⚠
C558	ECWH20472JVB	FILM	200V		4.7nF	
C559	ECQF4123JZH	FILM	400V		12nF	⚠
C561	ECWH20512JVB	FILM	200V		5.1nF	
C562	ECQM4223KC	FILM	400V		220nF	
C577	ECWF2274JBB	FILM	200V		270nF	
C578	ECWF4304JBP	FILM	400V		300nF	
C579	ECWF4334JBB	FILM	400V		330nF	
C580	ECWF4474JBB	FILM	400V		470nF	
C583	ECQB1H223K	FILM	50V		22nF	
C823	ECQF4123JZH	FILM	400V		12nF	⚠
C858	ECKC3D182JB	CERAMIC	2KV		1.8nF	⚠
C1406	ECJ2VF1C105Z	CERAMIC	16V		1pF	
C1409	ECJ2VF1C105Z	CERAMIC	16V		1pF	
C2313	ECUV1H222KBX	S.M. CAP	50V		2.2nF	
C2324	ECUV1H222KBX	S.M. CAP	50V		2.2nF	
C2360	ECUV1H223KBX	S.M. CAP	50V		22nF	
C2392	ECUV1H223KBX	S.M. CAP	50V		22nF	
C2596	ECUV1H333KBX	S.M. CAP	50V		33nF	
C2597	ECUV1H333KBX	S.M. CAP	50V		33nF	
TERMINALS AND LINKS						
JK3401	0350536400	SCART SOCKET				
JK3402	0350536400	SCART SOCKET				
JK3403	0350536400	SCART SOCKET				

DIFFERENCES FOR MODEL TX--36PL30D

EXPLODED VIEW

14	TNPH0348BY	A P.C.B.	⚠
15	ZTBZAD650E	ANODE CABLE	⚠
16	TKU8E00700	BACK COVER	⚠
17	W86LPX955X07	C.R.T.	⚠
18	TKY8E580	CABINET	⚠
20	TNPH0349BC	D P.C.B.	⚠
21	TLK8E05147	DEGAUSS COIL	⚠
22	TNPA1806	DF P.C.B.	⚠
23	ZTFM77009A	FBT	⚠
24	TXJF0C0EFG	FOCUS LEAD ASSEMBLY	⚠
25	TNP8EG004AB	G P.C.B.	⚠
26	TNPA1726	L P.C.B.	⚠

Cct Ref	Parts Number	Description				
27	TQF8E3216	MODEL LABEL				⚠
28	TBMA059	PANASONIC BADGE				
MISCELLANEOUS COMPONENTS						
	EASG7D506B2	SPEAKER TWEETER				
.	TBM8E2139	PRESET LABEL				
.	TKK8E026	SPEAKER REFLECTOR				
.	TKP8E1439	SPEAKER PANEL LEFT				
.	TKP8E1444	SPEAKER PANEL RIGHT				
.	TKP8E1446	BOTTOM PANEL LEFT				
.	TKP8E1458	BOTTOM PANEL RIGHT				
.	TPC8E4908	TOP CARTON				
.	TPC8E4909	BOTTOM CARTON				
.	TPD169487	CARTON HANDLE				
.	TPD8E764	BOTTOM CUSHION				
.	TPD8E778	SUB CUSHION				
.	TZS1EK002	SERVICE PACK				
R537	ERC12GK104V	DEGAUSS RESISTOR				
ROT	TLK8E05165	ROTATION COIL				⚠
SK401	TES2298	CRT EARTH SPRING				
SK402	TES2298	CRT EARTH SPRING				
SPK1	EAB12149C2	SPEAKER (WOOFER)				
SPK2	EAB12149C2	SPEAKER (WOOFER)				
SPK3	EASG7DH08B2	SPEAKER (TWEETER)				
SPK4	EASG7DH08B2	SPEAKER (TWEETER)				
TES01	TES2298	CRT EARTH SPRING				
TES02	TES2298	CRT EARTH SPRING				
INSTRUCTION BOOKS						
	TQB8E3346A4	GERMAN				⚠
	TQB8E3346C4	ITALIAN				⚠
	TQB8E3346D4	FRENCH				⚠
I.C.s						
IC451	LA7876N	VERTICAL OUTPUT				
IC1104	X24BR200-2JD	EAROM *				
IC1252	PQ30RV21B	2.5V REGULATOR				
IC1301	C1AB00001468	VIDEO PROCESSOR				
DIODES						
D450	EU02AV1	DIODE				
D521	AU02AV0	DIODE				
D522	AU02AV0	DIODE				
D523	MA165TA5	DIODE				
D524	MA165TA5	DIODE				
D525	RP1HLFA5	DIODE				
D526	RP1HLFA5	DIODE				
D855	FMGG2CS	DIODE				
TRANSISTORS						
Q463	BC847B	TRANSISTOR				
Q521	2SK1006RF122	TRANSISTOR				
Q522	2SC3311ATA	TRANSISTOR				
Q523	2SC3311ATA	TRANSISTOR				
Q524	2SC5460LB	TRANSISTOR				
Q525	2SC3311ATA	TRANSISTOR				
TRANSFORMERS						
T701	ETF18L101A	TRANSFORMER				⚠
COILS						
L574	ELH5L7701	LINEARITY COIL				
L575	ELHKLB071B	COIL				
L576	ELC18B331E	COIL				
L702	ELC18B331E	COIL				
L2005	EXCELDR35V	COIL				
RESISTORS						
R353	ERJ6ENF1331	S.M.CARB	0.1W	1%	330 Ω	
R363	ERJ6ENF1331	S.M.CARB	0.1W	1%	330 Ω	
R372	ERJ6ENF1331	S.M.CARB	0.1W	1%	330 Ω	

Cct Ref	Parts Number	Description				
R451	ERDS1TJ3R3	CARBON	0.5W	5%	3R3 Ω	
R452	ERDS1TJ3R3	CARBON	0.5W	5%	3R3 Ω	
R473	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2 Ω	
R474	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω	
R509	ERX3FJ1R0	METAL	3W	5%	1 Ω	
R520	ERD25TJ153	CARBON	0.25W	5%	15K Ω	
R521	ERG2FJS123	METAL	2W	5%	12K Ω	
R522	ERD25TJ101	CARBON	0.25W	5%	100 Ω	
R523	ERD25TJ103	CARBON	0.25W	5%	10K Ω	
R524	ERD25TJ103	CARBON	0.25W	5%	10K Ω	
R525	ERD25TJ102	CARBON	0.25W	5%	1K Ω	
R526	ERC14GK184	SOLID	0.25W	5%	180K Ω	
R527	ERC14GK224	SOLID	1/4W	5%	220K Ω	⚠
R530	ERD25TJ101	CARBON	0.25W	5%	100 Ω	
R531	ERC14GK334	SOLID	0.25W	10%	330K Ω	
R532	ERD25TJ473	CARBON	0.25W	5%	47K Ω	
R533	ERG3FJS821	METAL	3W	5%	820 Ω	
R534	ERDS2TJ333T	CARBON	2W	5%	33K Ω	
R535	ERG1FJS332	METAL	1W	5%	3R3K Ω	
R536	ERG3FJS821	METAL	3W	5%	820 Ω	
R538	ERC14GK225	SOLID	1/4W	5%	2.2M Ω	
R540	ERD25TJ560	CARBON	0.25W	5%	56 Ω	
R555	ERO25TKF4702	METAL	0,25W	1%	47K Ω	
R556	ERF2AKR18P	WOUND	2W	1%	R18 Ω	
R558	ERO25TKF2202	METAL	0.25W	10%	22K Ω	
R559	EROS2TKF1502	METAL	2W	1%	15K Ω	
R560	ERO25TKF3902	METAL	0.25W	10%	39K Ω	
R572	ERD25TJ153	CARBON	0.25W	5%	15K Ω	
R581	ERDS2TJ154	CARBON	2W	5%	150K Ω	
R582	ERD25TJ274	CARBON	0.25W	5%	270K Ω	
R583	ERD25TJ822	CARBON	0.25W	5%	8K2 Ω	
R586	ERQ2CJP2R2	METAL	2W	5%	2R2 Ω	⚠
R591	ERO25TKF9311	METAL	0,25W	1%	9K31 Ω	
R806	ERX12SZJR12	METAL	0.5W	5%	R12 Ω	
R810	ERX12SZJR12	METAL	0.5W	5%	R12 Ω	
R819	ERD25TJ681	CARBON	0.25W	5%	680 Ω	
R836	ERDS2TJ152T	CARBON	0.5W	5%	1K5 Ω	
R965	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω	
R967	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω	
R1458	ERJ6ENF6201V	S.M.CARB	0.1W	1%	6K2 Ω	
R2723	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3 Ω	
CAPACITORS						
C450	ECA1VM102GB	ELECT	35V		1nF	
C473	ECQV1H104J	FILM	50V		100nF	
C474	ECJ2VF1H103Z	CERAMIC	50V		10nF	
C521	ECKC3A152J	CERAMIC	1KV		1500pF	⚠
C522	ECKC3A272J	CERAMIC	1KV		2.7µF	
C523	ECKC3A151J	CERAMIC	1KV		150pF	⚠
C524	ECQM6223JZW	FILM	600V		22nF	
C525	ECQM4223JZW	FILM	400V		22nF	
C526	ECKC3D101J	CERAMIC	2KV		100pF	⚠
C527	ECA1HM010GB	ELECT	50V		1µF	
C528	ECKC3D471JB	CERAMIC	2KV		470pF	⚠
C529	ECA1HM100GB	ELECT	50V		10µF	
C530	ECKC3A681J	CERAMIC	1KV		680pF	⚠
C531	ECKC3D102J	CERAMIC	2KV		1nF	⚠
C551	ECKC3A821J	CERAMIC	1KV		820pF	⚠
C554	ECKC3D561J	CERAMIC	2KV		560pF	⚠
C558	ECWH20562JVB	FILM	200V		5.6nF	
C559	ECQF4103JZH	FILM	400V		10nF	
C561	ECWH20562JVB	FILM	200V		5.6nF	
C562	ECQF4822JZH	FILM	400V		8.2nF	
C573	ECQM4223JZW	FILM	400V		22nF	
C577	ECWF4304JBP	FILM	400V		300nF	
C578	ECWF4334JBB	FILM	400V		330nF	
C579	ECWF4564JBB	FILM	400V		560nF	

Cct Ref	Parts Number	Description			
C580	ECWF4684JBB	FILM	400V	680nF	
C583	ECQB1H223K	FILM	50V	22nF	
C823	ECQF4123JZH	FILM	400V	12nF	⚠
C858	ECKC3D182JB	CERAMIC	2KV	1.8nF	⚠
C1406	ECJ2VF1C105Z	CERAMIC	16V	1pF	
C1409	ECJ2VF1C105Z	CERAMIC	16V	1pF	
C2313	ECUV1H222KBX	S.M. CAP	50V	2.2nF	
C2324	ECUV1H222KBX	S.M. CAP	50V	2.2nF	
C2360	ECUV1H223KBX	S.M. CAP	50V	22nF	
C2370	ECA1HM100GB	ELECT	50V	10µF	
C2392	ECUV1H223KBX	S.M. CAP	50V	22nF	
C2596	ECUV1H333KBX	S.M. CAP	50V	33nF	
C2597	ECUV1H333KBX	S.M. CAP	50V	33nF	
TERMINALS AND LINKS					
JK3401	0350536400	SCART SOCKET			
JK3402	0350536400	SCART SOCKET			
JK3403	0350536400	SCART SOCKET			

DIFFERENCES FOR MODEL TX--36PL30F

EXPLODED VIEW

14	TNPH0348BZ	A P.C.B.	⚠
15	ZTBZAD650E	ANODE CABLE	⚠
16	TKU8E00700	BACK COVER	⚠
17	W86LPX955X07	C.R.T.	⚠
18	TKY8E580	CABINET	⚠
19	TMW8E049-1	CONTROL BRACKET	
20	TNPH0349BC	D P.C.B.	⚠
21	TLK8E05147	DEGAUSS COIL	⚠
22	TNPA1806	DF P.C.B.	⚠
23	ZTFM77009A	FBT	⚠
24	TXJF0C0EFG	FOCUS LEAD ASSEMBLY	⚠
25	TNP8EG004AB	G P.C.B.	⚠
26	TNPA1726	L P.C.B.	⚠
27	TQF8E3215	MODEL LABEL	⚠
28	TBMA059	PANASONIC BADGE	

MISCELLANEOUS COMPONENTS

	EASG7D506B2	SPEAKER TWEETER
.	TBM8E2139	PRESET LABEL
.	TKP8E1439	SPEAKER PANEL LEFT
.	TKP8E1444	SPEAKER PANEL RIGHT
.	TKP8E1446	BOTTOM PANEL LEFT
.	TKP8E1458	BOTTOM PANEL RIGHT
.	TPC8E4908	TOP CARTON
.	TPC8E4909	BOTTOM CARTON
.	TPD169487	CARTON HANDLE
.	TPD8E764	BOTTOM CUSHION
.	TPD8E778	SUB CUSHION
.	TZS1EK002	SERVICE PACK
R537	ERC12GK104V	DEGAUSS RESISTOR
SK401	TES2298	CRT EARTH SPRING
SK402	TES2298	CRT EARTH SPRING
SPK1	EAB12149C2	SPEAKER (WOOFER)
SPK2	EAB12149C2	SPEAKER (WOOFER)
SPK3	EASG7DH08B2	SPEAKER (TWEETER)
SPK4	EASG7DH08B2	SPEAKER (TWEETER)
TES01	TES2298	CRT EARTH SPRING
TES02	TES2298	CRT EARTH SPRING

INSTRUCTION BOOKS

	TQB8E3348AE4	GERMAN/SPANISH ⚠
	TQB8E3348BD4	DUTCH/FRENCH ⚠
	TQB8E3348FG4	SWEDISH/NORWEGIAN ⚠
	TQB8E3348HK4	DANISH/FINNISH ⚠

Cct Ref	Parts Number	Description			
I.C.s					
IC451	LA7876N	VERTICAL OUTPUT			
IC1104	X24BR200-2JF	EAROM*			
IC1252	PQ30RV2B	REGULATOR IC			
IC1301	C1AB00001494	VIDEO PROCESSOR/SYNC G			
DIODES					
D450	EU02AV1	DIODE			
D521	AU02AV0	DIODE			
D522	AU02AV0	DIODE			
D523	MA165TA5	DIODE			
D524	MA165TA5	DIODE			
D525	RP1HLFA5	DIODE			
D526	RP1HLFA5	DIODE			
D851	FMGG2CS	DIODE			
TRANSISTORS					
Q463	BC847B	TRANSISTOR			
Q521	2SK1006RF122	TRANSISTOR			
Q522	2SC3311ATA	TRANSISTOR			
Q523	2SC3311ATA	TRANSISTOR			
Q524	2SC5460LB	TRANSISTOR			
Q525	2SC3311ATA	TRANSISTOR			
TRANSFORMERS					
T701	ETF18L101A	TRANSFORMER			⚠
COILS					
L574	ELH5L7701	LINEARITY COIL			
L575	ELHKLB071B	COIL			
L576	ELC18B331E	COIL			
L702	ELC18B331E	COIL			
RESISTORS					
R353	ERJ6ENF1331	S.M.CARB	0.1W	1%	330 Ω
R363	ERJ6ENF1331	S.M.CARB	0.1W	1%	330 Ω
R372	ERJ6ENF1331	S.M.CARB	0.1W	1%	330 Ω
R451	ERDS1TJ3R3	CARBON	0.5W	5%	3R3 Ω
R452	ERDS1TJ3R3	CARBON	0.5W	5%	3R3 Ω
R473	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2 Ω
R474	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω
R509	ERX3FJ1R0	METAL	3W	5%	1 Ω
R520	ERD25TJ153	CARBON	0.25W	5%	15K Ω
R521	ERG2FJS123	METAL	2W	5%	12K Ω
R522	ERD25TJ101	CARBON	0.25W	5%	100 Ω
R523	ERD25TJ103	CARBON	0.25W	5%	10K Ω
R524	ERD25TJ103	CARBON	0.25W	5%	10K Ω
R525	ERD25TJ102	CARBON	0.25W	5%	1K Ω
R526	ERC14GK184	SOLID	0.25W	5%	180K Ω
R527	ERC14GK224	SOLID	1/4W	5%	220K Ω ⚠
R530	ERD25TJ101	CARBON	0.25W	5%	100 Ω
R531	ERC14GK334	SOLID	0.25W	10%	330K Ω
R532	ERD25TJ473	CARBON	0.25W	5%	47K Ω
R533	ERG3FJS821	METAL	3W	5%	820 Ω
R534	ERDS2TJ333T	CARBON	2W	5%	33K Ω
R535	ERG1FJS332	METAL	1W	5%	3R3K Ω
R536	ERG3FJS821	METAL	3W	5%	820 Ω
R538	ERC14GK225	SOLID	1/4W	5%	2.2M Ω
R540	ERD25TJ560	CARBON	0.25W	5%	56 Ω
R555	ERO25TKF4702	METAL	0,25W	1%	47K Ω
R556	ERF2AKR18P	WOUND	2W	1%	R18 Ω
R558	ERO25TKF2202	METAL	0.25W	10%	22K Ω
R559	EROS2TKF1502	METAL	2W	1%	15K Ω
R560	ERO25TKF3902	METAL	0.25W	10%	39K Ω
R572	ERD25TJ153	CARBON	0.25W	5%	15K Ω
R581	ERDS2TJ154	CARBON	2W	5%	150K Ω
R582	ERD25TJ274	CARBON	0.25W	5%	270K Ω
R583	ERD25TJ822	CARBON	0.25W	5%	8K2 Ω
R586	ERQ2CJP2R2	METAL	2W	5%	2R2 Ω ⚠

Cct Ref	Parts Number	Description				
R591	ERO25TKF9311	METAL	0,25W	1%	9K31 Ω	
R806	ERX12SJR22	METAL	0.5W	5%	R22 Ω	
R810	ERX12SJR22	METAL	0.5W	5%	R22 Ω	
R819	ERD25TJ102	CARBON	0.25W	5%	1K Ω	
R836	ERD25TJ182	CARBON	1/4W	5%	1K8 Ω	⚠
R965	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω	
R967	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω	
R1458	ERJ6ENF6201V	S.M.CARB	0.1W	1%	6K2 Ω	
R2723	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3 Ω	
CAPACITORS						
C450	ECA1VM102GB	ELECT	35V		1nF	
C473	ECQV1H104J	FILM	50V		100nF	
C474	ECJ2VF1H103Z	CERAMIC	50V		10nF	
C521	ECKC3A152J	CERAMIC	1KV		1500pF	⚠
C522	ECKC3A272J	CERAMIC	1KV		2.7µF	
C523	ECKC3A151J	CERAMIC	1KV		150pF	⚠
C524	ECQM6223JZW	FILM	600V		22nF	
C525	ECQM4223JZW	FILM	400V		22nF	
C526	ECKC3D101J	CERAMIC	2KV		100pF	⚠
C527	ECA1HM010GB	ELECT	50V		1µF	
C528	ECKC3D471JB	CERAMIC	2KV		470pF	⚠
C529	ECA1HM100GB	ELECT	50V		10µF	
C530	ECKC3A681J	CERAMIC	1KV		680pF	⚠
C531	ECKC3D102J	CERAMIC	2KV		1nF	⚠
C551	ECKC3A821J	CERAMIC	1KV		820pF	⚠
C554	ECKC3D561J	CERAMIC	2KV		560pF	⚠
C558	ECWH20562JVB	FILM	200V		5.6nF	
C559	ECQF4103JZH	FILM	400V		10nF	
C561	ECWH20562JVB	FILM	200V		5.6nF	
C562	ECQF4822JZH	FILM	400V		8.2nF	
C573	ECQM4223JZW	FILM	400V		22nF	
C577	ECWF4304JBP	FILM	400V		300nF	
C578	ECWF4334JBB	FILM	400V		330nF	
C579	ECWF4564JBB	FILM	400V		560nF	
C580	ECWF4684JBB	FILM	400V		680nF	
C583	ECQB1H223K	FILM	50V		22nF	
C810	ECKC1H102J	CERAMIC	50V		1nF	
C823	ECQF6332JZH	FILM	630V		3.3nF	⚠
C858	ECKC3D101J	CERAMIC	2KV		100pF	⚠
C1406	TACCN0J105KT	CERAMIC	6.3V		1µF	
C1409	TACCN0J105KT	CERAMIC	6.3V		1µF	
C2313	ECJ2VB1H223K	CERAMIC	50V		22nF	
C2324	ECJ2VB1H223K	CERAMIC	50V		22nF	
C2360	ECJ2VB1H223K	CERAMIC	50V		22nF	
C2370	ECA1HM100GB	ELECT	50V		10µF	
C2392	ECJ2VB1H223K	CERAMIC	50V		22nF	
C2596	ECJ2YB1H333K	CERAMIC	50V		33nF	
C2597	ECJ2YB1H333K	CERAMIC	50V		33nF	
TERMINALS AND LINKS						
JK351	TJS1A5330	CRT SOCKET				⚠
JK3401	0350536400	SCART SOCKET				
JK3402	0350536400	SCART SOCKET				
JK3403	0350536400	SCART SOCKET				

DIFFERENCES FOR MODEL TX--36PL30FP

EXPLODED VIEW

14	TNPH0348CH	A P.C.B.	⚠
15	ZTBZAD650E	ANODE CABLE	⚠
16	TKU8E00700	BACK COVER	⚠
17	W86LPX955X07	C.R.T.	⚠
18	TKY8E580	CABINET	⚠
19	TMW8E049-1	CONTROL BRACKET	
20	TNPH0349BC	D P.C.B.	⚠
21	TLK8E05147	DEGAUSS COIL	⚠
22	TNPA1806	DF P.C.B.	⚠
23	ZTFM77009A	FBT	⚠
24	TXJF0C0EFG	FOCUS LEAD ASSEMBLY	⚠
25	TNP8EG004AB	G P.C.B.	⚠
26	TNPA1726	L P.C.B.	⚠
27	TQF8E3214	MODEL LABEL	⚠
28	TBMA059	PANASONIC BADGE	

MISCELLANEOUS COMPONENTS

	EASG7D506B2	SPEAKER TWEETER
.	TBM8E2139	PRESET LABEL
.	TKP8E1439	SPEAKER PANEL LEFT
.	TKP8E1444	SPEAKER PANEL RIGHT
.	TKP8E1446	BOTTOM PANEL LEFT
.	TKP8E1458	BOTTOM PANEL RIGHT
.	TPC8E4908	TOP CARTON
.	TPC8E4909	BOTTOM CARTON
.	TPD169487	CARTON HANDLE
.	TPD8E764	BOTTOM CUSHION
.	TPD8E778	SUB CUSHION
.	TZS1EK002	SERVICE PACK
R537	ERC12GK104V	DEGAUSS RESISTOR
SK401	TES2298	CRT EARTH SPRING
SK402	TES2298	CRT EARTH SPRING
SPK1	EAB12149C2	SPEAKER (WOOFER)
SPK2	EAB12149C2	SPEAKER (WOOFER)
SPK3	EASG7DH08B2	SPEAKER (TWEETER)
SPK4	EASG7DH08B2	SPEAKER (TWEETER)
TES01	TES2298	CRT EARTH SPRING
TES02	TES2298	CRT EARTH SPRING

INSTRUCTION BOOKS

	TQB8E3350MN4	BULGARIAN/ROMANIAN ⚠
	TQB8E3350PQ4	POLISH/HUNGARIAN ⚠
	TQB8E3350RU4	CZECH/ENGLISH ⚠

I.C.s

IC451	LA7876N	VERTICAL OUTPUT
IC1103	X24BR200-2JP	EAROM*
IC1252	PQ30RV2B	REGULATOR IC
IC1301	C1AB00001494	VIDEO PROCESSOR/SYNC G

DIODES

D450	EU02AV1	DIODE
D521	AU02AV0	DIODE
D522	AU02AV0	DIODE
D523	MA165TA5	DIODE
D524	MA165TA5	DIODE
D525	RP1HLFA5	DIODE
D526	RP1HLFA5	DIODE
D851	FMGG2CS	DIODE

TRANSISTORS

Q463	BC847B	TRANSISTOR
Q521	2SK1006RF122	TRANSISTOR
Q522	2SC3311ATA	TRANSISTOR
Q523	2SC3311ATA	TRANSISTOR
Q524	2SC5460LB	TRANSISTOR
Q525	2SC3311ATA	TRANSISTOR

TRANSFORMERS

T701	ETF18L101A	TRANSFORMER	⚠

COILS

L574	ELH5L7701	LINEARITY COIL
L575	ELHKLB071B	COIL
L576	ELC18B331E	COIL
L702	ELC18B331E	COIL

RESISTORS

R353	ERJ6ENF1331	S.M.CARB	0.1W	1%	330 Ω

Cct Ref	Parts Number	Description				
R363	ERJ6ENF1331	S.M.CARB	0.1W	1%	330 Ω	
R372	ERJ6ENF1331	S.M.CARB	0.1W	1%	330 Ω	
R451	ERDS1TJ3R3	CARBON	0.5W	5%	3R3 Ω	
R452	ERDS1TJ3R3	CARBON	0.5W	5%	3R3 Ω	
R473	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2 Ω	
R474	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10K Ω	
R509	ERX3FJ1R0	METAL	3W	5%	1 Ω	
R520	ERD25TJ153	CARBON	0.25W	5%	15K Ω	
R521	ERG2FJS123	METAL	2W	5%	12K Ω	
R522	ERD25TJ101	CARBON	0.25W	5%	100 Ω	
R523	ERD25TJ103	CARBON	0.25W	5%	10K Ω	
R524	ERD25TJ103	CARBON	0.25W	5%	10K Ω	
R525	ERD25TJ102	CARBON	0.25W	5%	1K Ω	
R526	ERC14GK184	SOLID	0.25W	5%	180K Ω	
R527	ERC14GK224	SOLID	1/4W	5%	220K Ω	⚠
R530	ERD25TJ101	CARBON	0.25W	5%	100 Ω	
R531	ERC14GK334	SOLID	0.25W	10%	330K Ω	
R532	ERD25TJ473	CARBON	0.25W	5%	47K Ω	
R533	ERG3FJS821	METAL	3W	5%	820 Ω	
R534	ERDS2TJ333T	CARBON	2W	5%	33K Ω	
R535	ERG1FJS332	METAL	1W	5%	3R3K Ω	
R536	ERG3FJS821	METAL	3W	5%	820 Ω	
R538	ERC14GK225	SOLID	1/4W	5%	2.2M Ω	
R540	ERD25TJ560	CARBON	0.25W	5%	56 Ω	
R555	ERO25TKF4702	METAL	0,25W	1%	47K Ω	
R556	ERF2AKR18P	WOUND	2W	1%	R18 Ω	
R558	ERO25TKF2202	METAL	0.25W	10%	22K Ω	
R559	EROS2TKF1502	METAL	2W	1%	15K Ω	
R560	ERO25TKF3902	METAL	0.25W	10%	39K Ω	
R572	ERD25TJ153	CARBON	0.25W	5%	15K Ω	
R581	ERDS2TJ154	CARBON	2W	5%	150K Ω	
R582	ERD25TJ274	CARBON	0.25W	5%	270K Ω	
R583	ERD25TJ822	CARBON	0.25W	5%	8K2 Ω	
R586	ERQ2CJP2R2	METAL	2W	5%	2R2 Ω	⚠
R591	ERO25TKF9311	METAL	0,25W	1%	9K31 Ω	
R806	ERX12SJR22	METAL	0.5W	5%	R22 Ω	
R810	ERX12SJR22	METAL	0.5W	5%	R22 Ω	
R819	ERD25TJ102	CARBON	0.25W	5%	1K Ω	
R836	ERD25TJ182	CARBON	1/4W	5%	1K8 Ω	⚠
R965	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω	
R967	ERJ6GEYJ223	S.M.CARB	0.1W	5%	22K Ω	
R1458	ERJ6ENF6201V	S.M.CARB	0.1W	1%	6K2 Ω	
R2723	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3 Ω	
CAPACITORS						
C450	ECA1VM102GB	ELECT	35V		1nF	
C473	ECQV1H104J	FILM	50V		100nF	
C474	ECJ2VF1H103Z	CERAMIC	50V		10nF	
C521	ECKC3A152J	CERAMIC	1KV		1500pF	⚠
C522	ECKC3A272J	CERAMIC	1KV		2.7µF	
C523	ECKC3A151J	CERAMIC	1KV		150pF	⚠
C524	ECQM6223JZW	FILM	600V		22nF	
C525	ECQM4223JZW	FILM	400V		22nF	
C526	ECKC3D101J	CERAMIC	2KV		100pF	⚠
C527	ECA1HM010GB	ELECT	50V		1µF	
C528	ECKC3D471JB	CERAMIC	2KV		470pF	⚠
C529	ECA1HM100GB	ELECT	50V		10µF	
C530	ECKC3A681J	CERAMIC	1KV		680pF	⚠
C531	ECKC3D102J	CERAMIC	2KV		1nF	⚠
C551	ECKC3A821J	CERAMIC	1KV		820pF	⚠
C554	ECKC3D561J	CERAMIC	2KV		560pF	⚠
C558	ECWH20562JVB	FILM	200V		5.6nF	
C559	ECQF4103JZH	FILM	400V		10nF	
C561	ECWH20562JVB	FILM	200V		5.6nF	
C562	ECQF4822JZH	FILM	400V		8.2nF	
C573	ECQM4223JZW	FILM	400V		22nF	
C577	ECWF4304JBP	FILM	400V		300nF	

Cct Ref	Parts Number	Description			
C578	ECWF4334JBB	FILM	400V	330nF	
C579	ECWF4564JBB	FILM	400V	560nF	
C580	ECWF4684JBB	FILM	400V	680nF	
C583	ECQB1H223K	FILM	50V	22nF	
C810	ECKC1H102J	CERAMIC	50V	1nF	
C823	ECQF6332JZH	FILM	630V	3.3nF	⚠
C858	ECKC3D101J	CERAMIC	2KV	100pF	⚠
C1406	TACCN0J105KT	CERAMIC	6.3V	1µF	
C1409	TACCN0J105KT	CERAMIC	6.3V	1µF	
C2313	ECJ2VB1H223K	CERAMIC	50V	22nF	
C2324	ECJ2VB1H223K	CERAMIC	50V	22nF	
C2360	ECJ2VB1H223K	CERAMIC	50V	22nF	
C2370	ECA1HM100GB	ELECT	50V	10µF	
C2392	ECJ2VB1H223K	CERAMIC	50V	22nF	
C2596	ECJ2YB1H333K	CERAMIC	50V	33nF	
C2597	ECJ2YB1H333K	CERAMIC	50V	33nF	
TERMINALS AND LINKS					
JK351	TJS1A5330	CRT SOCKET			⚠
JK3401	0350536400	SCART SOCKET			
JK3402	0350536400	SCART SOCKET			
JK3403	0350536400	SCART SOCKET			

SCHEMATIC DIAGRAMS FOR MODELS

TX-28/32/36PL30D
TX-28/32/36PL30F
TX-28/32/36PL30F/P

(EURO-7 CHASSIS)

IMPORTANT SAFETY NOTICE
Components identified by ⚠ mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.

NOTE

1. RESISTOR
   All resistors are carbon ¼W resistor, unless marked otherwise.
   Unit of resistance is OHM (Ω) (k=1,000, M=1,000,000)
2. CAPACITORS
   All capacitors are ceramic 50V unless marked otherwise.
   Unit of capacitance is µF unless otherwise stated.
3. COIL
   Unit of inductance is µH, unless otherwise stated.
4. TEST POINT
   Test Point Position
5. EARTH SYMBOL
   Chassis Earth (Cold)
   Line Earth (Hot)
6. VOLTAGE MEASUREMENT
   Voltage is measured by a d.c. voltmeter.
   Measurement conditions are as follows:

Power source	a.c. 220V-240V, 50Hz
Receiving Signal	Colour Bar signal (RF)
All customer controls	Maximum position

7.
   Indicates the Video signal path
   Indicates the Audio signal path

These schematic diagrams are the latest at time of printing and are subject to change without notice.

REMARKS

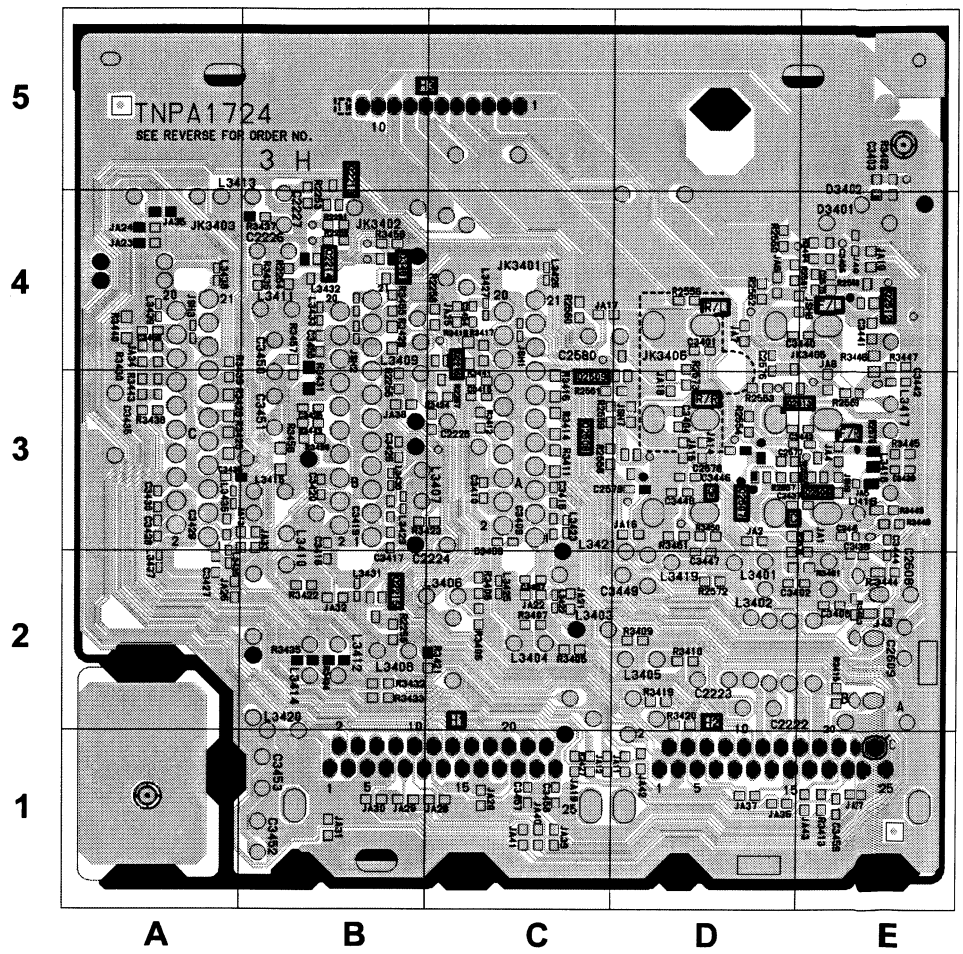
a. Do not touch the hot part, or the hot and cold parts at the same time, as you are liable to a shock hazard.
b. Do not short circuit the hot and cold circuits as electrical components may be damaged.
c. Do not connect an instrument, such as an oscilloscope, to the hot and cold circuits simultaneously as this may cause fuse failure. Connect the earth of the instruments to the earth connection of the circuit being measured.
d. Make sure to disconnect the power plug before removing the chassis.

NOTE

1. The Power Supply Circuit contains a circuit area, which uses a separate power supply to isolate the earth connection. The circuit is defined by HOT and COLD indications in the schematic diagram. All circuits, except the Power Circuit, are COLD.

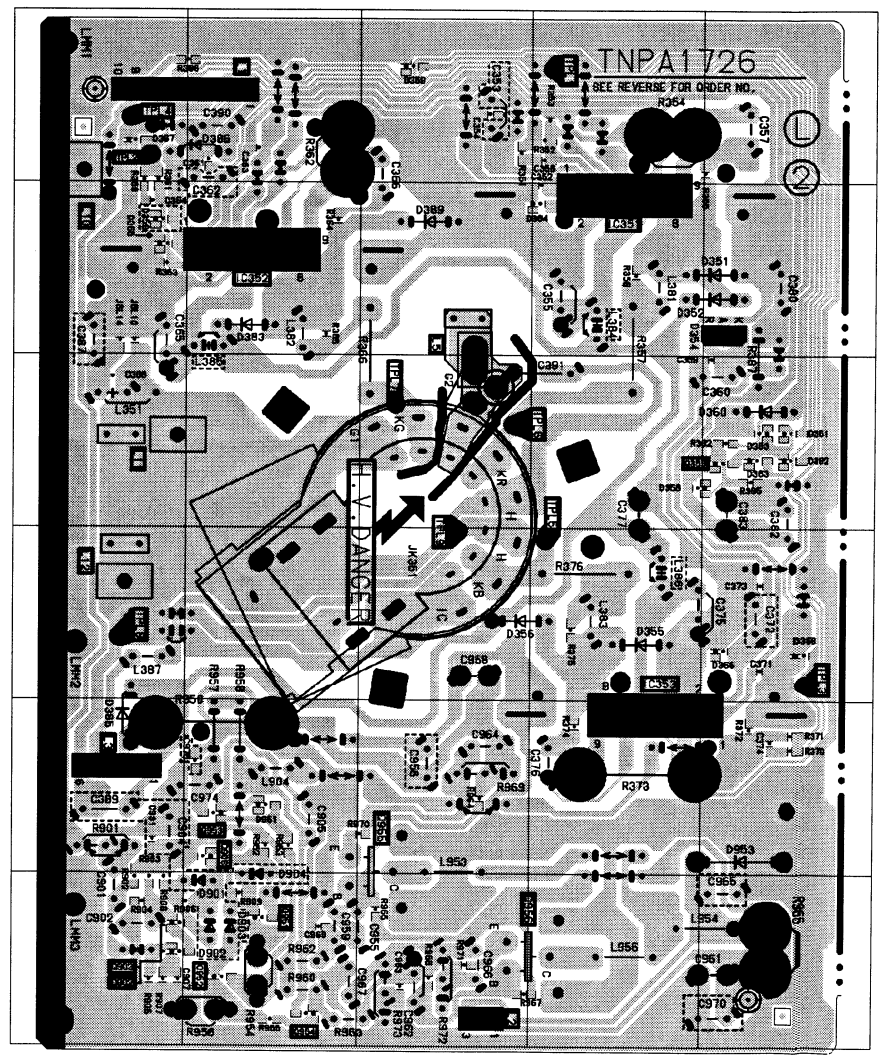
H – BOARD – TNPA1724

DIODE	
D3401	E4
D3402	E4
TRANSISTOR	
Q2213	B5
Q2214	B4
Q2215	B2
Q2216	C4
Q2506	E3
Q2507	D3
Q2508	C3
Q2509	C3
Q2512	E4
Q2513	D3
Q3401	B4



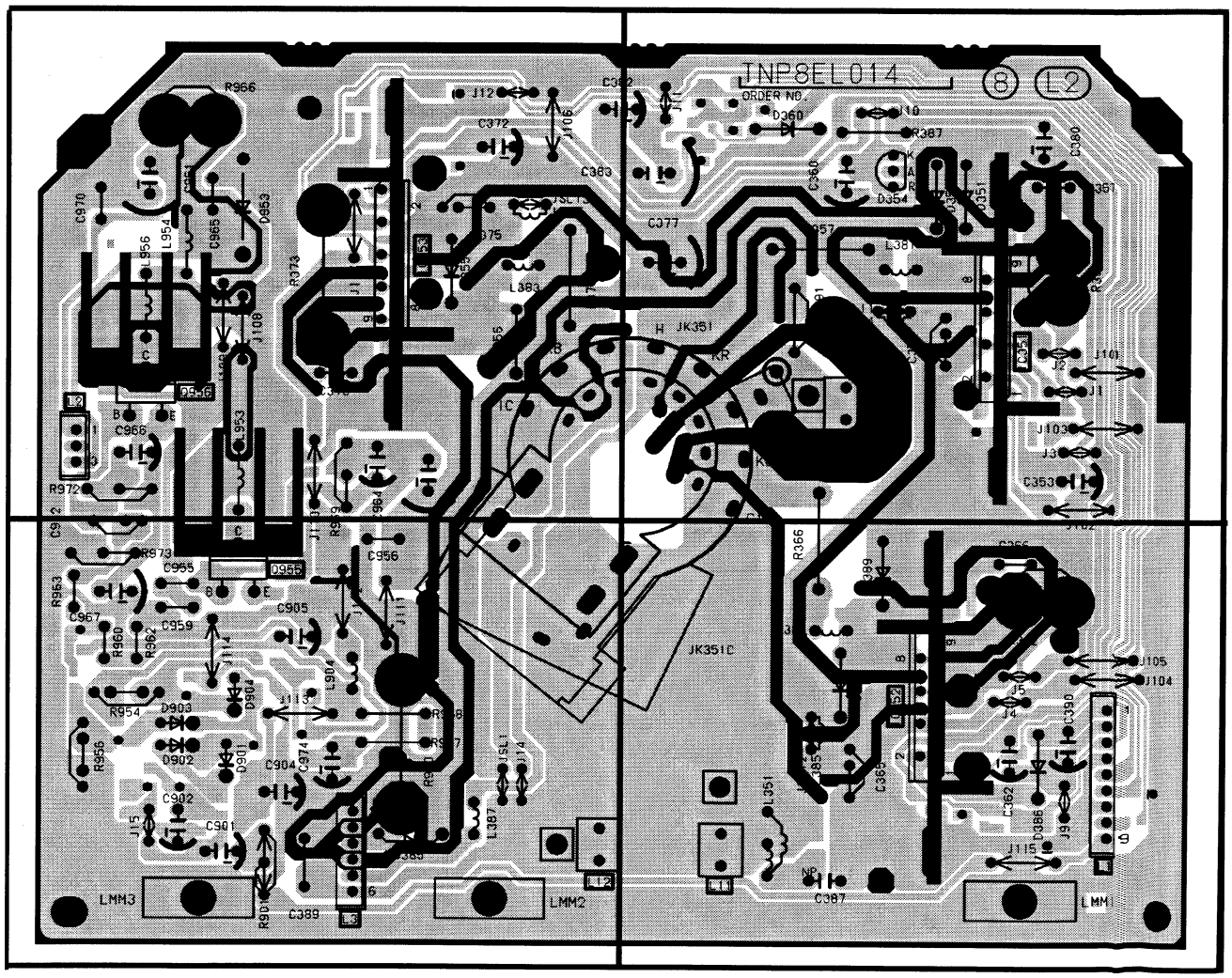
L – BOARD - TNPA1726

TRANS		D362	E4
Q369	E4	D363	E4
Q902	A1	D364	D5
Q903	A1	D365	A5
Q908	B2	D366	E3
Q951	B1	D367	A6
Q952	B1	D369	C6
Q953	B2	D383	B5
Q954	B1	D385	A2
Q955	C2	D386	B6
Q956	D1	D389	C5
		D901	B1
I.C.'S		D902	B1
IC351	D5	D903	B1
IC352	B5	D904	B1
IC353	D2	D953	E2
		D961	B2
DIODES			
D351	E5	T.P.'S	
D352	E5	TPL1	D6
D353	E4	TPL2	A6
D354	E5	TPL3	E3
D355	D3	TPL4	A6
D356	C3	TPL5	D4
D358	D4	TPL6	D4
D359	A5	TPL7	C4
D360	E4	TPL8	A3
D361	E4	TPL9	C3



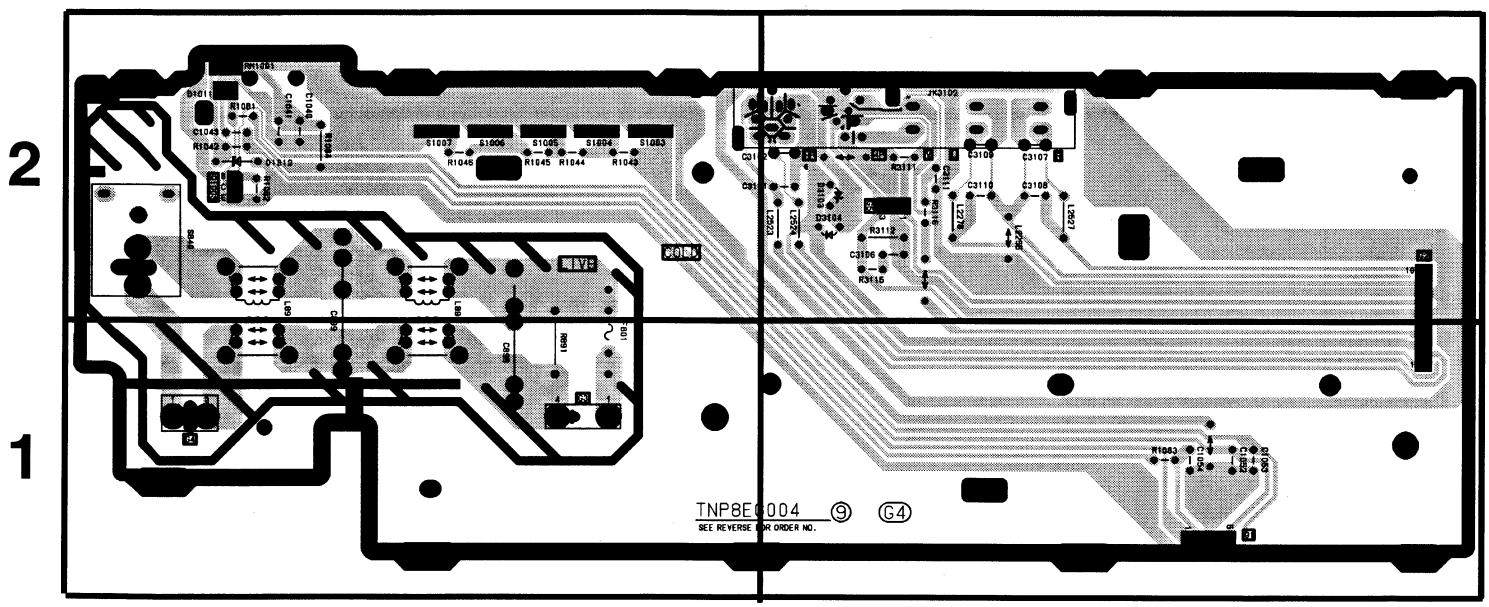
L – PCB – TNP8EL014

DIODES		D955	A2
D351	B2	**I.C.s**	
D352	B2	IC351	B2
D354	B2	IC352	B1
D360	B2	IC353	A2
D385	A1	**TRANSISTORS**	
D386	B1	Q955	A1
D387	B1	Q956	A2
D901	A1		
D902	A1		
D904	A1		
D953	A2		



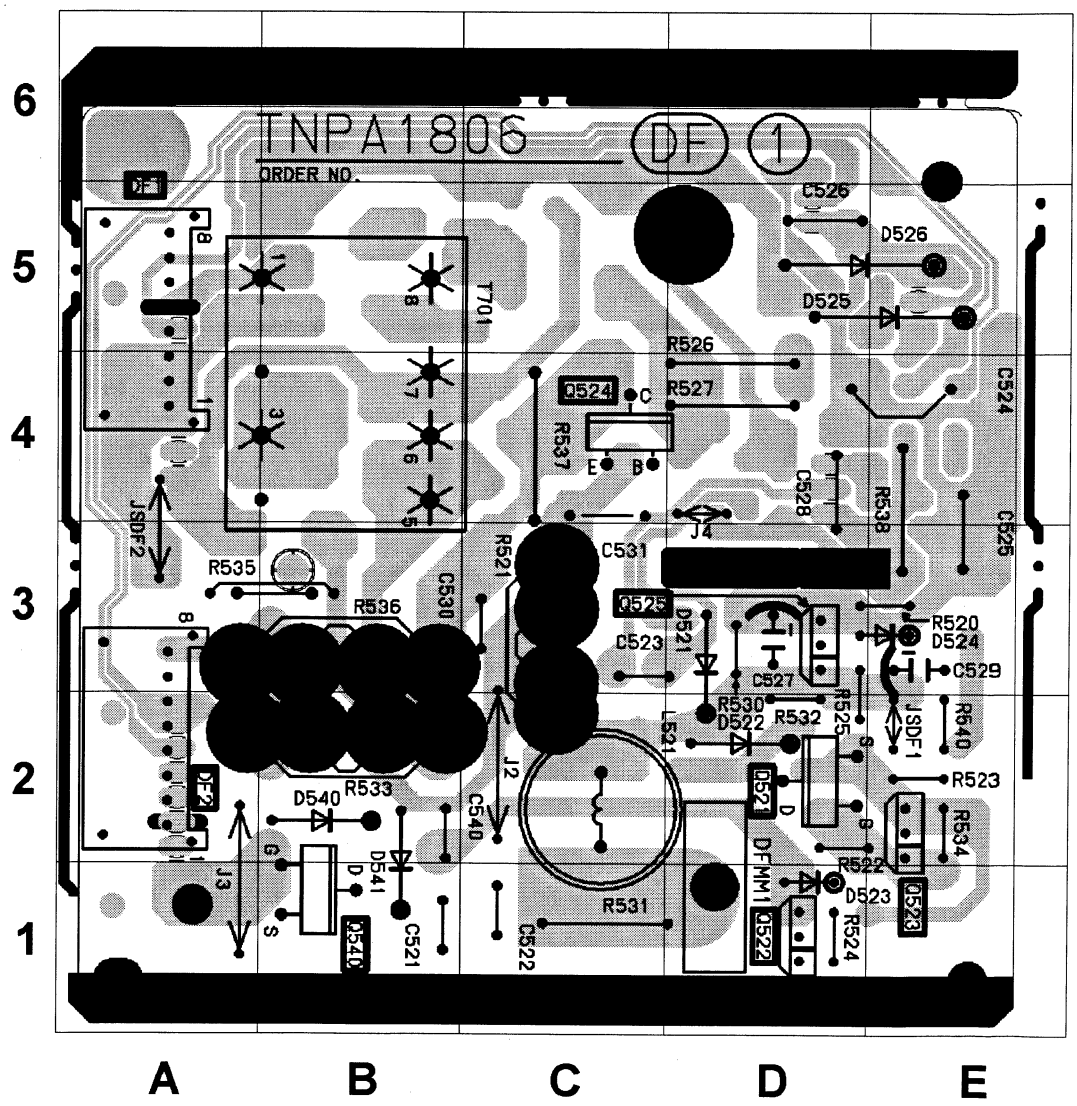
G – BOARD – TNP8EG004

DIODES	
D1011	A2
D1012	A2
D3103	B2
D3104	B2
TRANSISTORS	
Q1003	A2



DF – BOARD - TNPA1806

DIODES	
D521	D3
D522	D2
D523	D1
D524	E3
D525	D5
D526	E5
D540	B2
D541	B1
TRANS	
Q521	D2
Q522	D1
Q523	E1
Q524	C4
Q525	C3
Q540	B1



NOTES

DG BOARD ⚠
TNPA1725

GC1
MAIN
SLV [88]

HEAT SINK : TUC25653
TAPE : TWFT2020Q024

IC1306
MM1065ZMR

IC1307
MM1065ZMR

IC1301
C1AB00001230

IC1312
NJM2904V

IC1314
NJM2904MTE1

IC1310
TC7WH241FUEL

IC1311
MM1065ZMR

IC1309
MM1065ZMR

IC1305
SDA9415

VDU
SLV [BC]
MOTION COMPENSATED
SCAN RATE CONVERSION
MAIN/SUB MIX
V ZOOM/COMP
3D-PNR

IC130
C1AB00001

CIP
Component Interface Processy
IC1316
MB87F1720
BURST/LINE LOCK CONVERSION

Ext RGB INPU
BURST/LINE LOCK C

Q1308 MSB709
Q1309 MSB709
Q1306 MSB709
Q1327 2SK1968
Q1328 BC847B
Q1312 MSB709
Q1313 MSB709
Q1314 MSB709
Q1318 MSB709
Q1315 MSB709
Q1316 MSB709
Q1303 BC847B
Q1305 BC847B
Q1307 2SB601
Q1331 2SK1968TX
Q1320 MSB709
Q1323 MSB709
Q1324 MSB709

D1305 MA706A

3.3VDM
5V
3.3VA3
3.3VA6
VDAF
VDRV
VBP
VFP
HCLK
VP2
EXTR
FB
EXTG
EXTB

IC1301
C1AB00001230

GC1
MAIN
SLV [88]

HEAT SINK : TUC25653
TAPE : TWFT2020Q024

IC1307
MM1065ZMR

IC1312
NJM2904V

IC1310
TC7WH241FUEL

IC1311
MM1065ZMR

IC1314
NJM2904MTE1

IC1309
MM1065ZMR

IC1303
C1AB00001282

CIP

Ext RGB INPUT
BURST/LINE LOCK CONVERSION

IC1305
SDA9415

VDU

SLV [BC]

MOTION COMPENSATED
SCAN RATE CONVERSION
MAIN/SUB MIX
V ZOOM/COMP
3D-PNR

CIP
Component Interface Processor
IC1316
MB87F1720

BURST/LINE LOCK CONVERSION

A BOARD ⚠
TNPH0348

L/R

IC2301 TDA7490

IC2303 AN8554AS NJM2050M

IC2306 AN8554NSF-E2

IC2305 TDA7481 WOOFER or CENTER

IC2302 AN7108 MAIN-HP AMP

IC2001 MSP3410DGA-C5

IC3001 CXA2069Q-TL

IC3002 TDA8601T/C1

IC1107 TC7MBD3245FK

IC1253 M62392FP708C

IC051 AN7805FLB

IC2708 S1-8090X

IC2707 AN7808LB

IC1251 ST-3070

IC1250

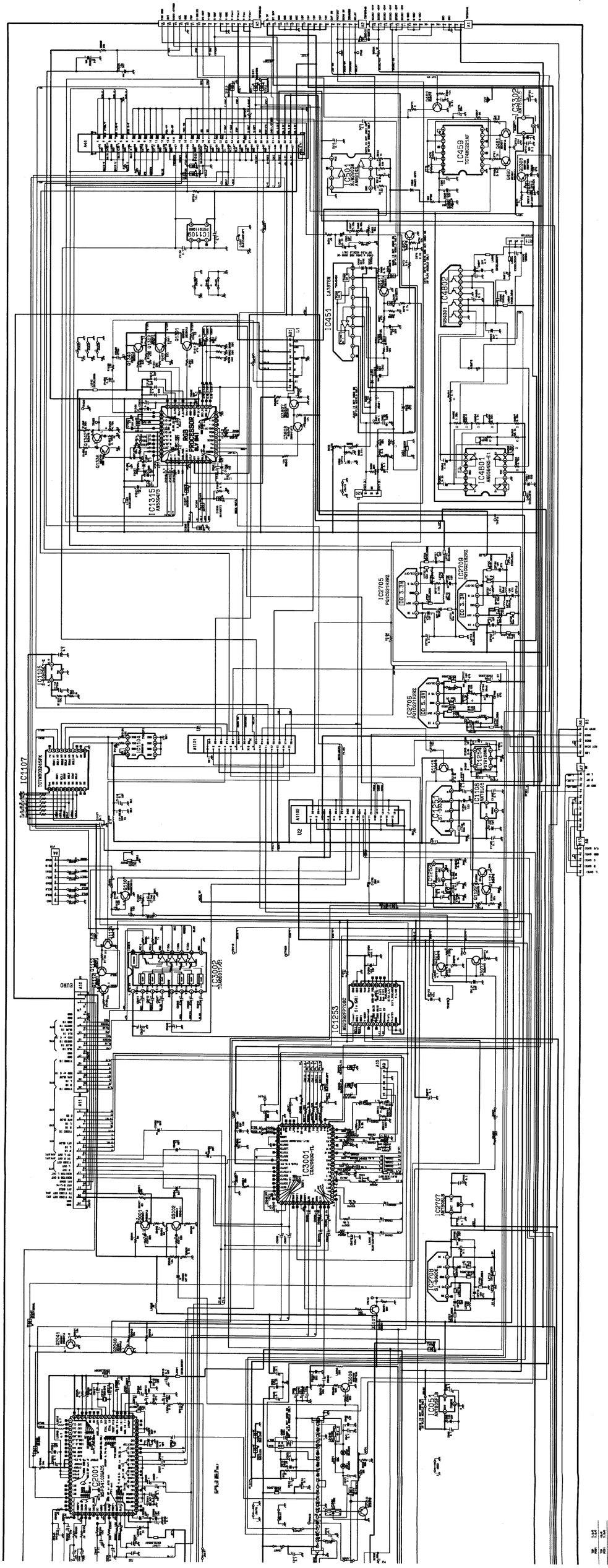
IC1252 PST9128NR

Q2311 Q2301 Q2309 Q2305 Q2004 Q2003 Q2002 Q2041 Q2040 Q3002 Q3001 Q1107 Q1115 Q2310 Q2343 Q2042 Q3006 Q3007 Q2303 Q2372 Q1122 Q1124 Q1123

C1108 AN7805L

U2 A1102 A1101 U5

SURO


IC1315
IC451
IC459
IC4602
IC4601
IC2705
IC2709
IC2706
IC1107
IC3002
IC1253
IC3001
IC2707
IC2708
IC2001
IC051

D BOARD ⚠
TNPH0349

HOT
COLD
IC841 M1P0254SPSCF
IC801 STRF6656LF53
IC851 SE140N
Q805 2SK2123000LB
Q881 2.32SC1318A
Q883 2SC1317
Q882 2SC3311A 2SC2458
Q874 2SA684R
Q875 2SA720R
Q854 2SC2458 2SC3311A
Q851 2SA1019Q
Q552 2SC1473A
Q501 2SK2662TPE6
Q703 2SB53 B0000LB
T801 ⚠ ETS39AG296AC
T841 ETS10AB1G6AG TLPA07B
L810 TLP710B ETQR45T001A
L893 ELF24V032B
L894 ELF24V004A
L895 EXCELSA35 TSK1011-2
L801 ⚠ K6B1ADA00001D
RL802 K6B2ADA00004
D821 ERA22-04V3
D847 ERA22-10V3
D842 ERZV10D821CS
D802 DSS80LF-B
D805 MA8240-B
D823 2SC123FY2
D852 MA4030L
D844 TVSSR2KL
D845 RY24V1
D843 ERC05I0V1
D848 2SC123FY2
D886 MA165STA5VT 1SS254T-77
D885 MA4056H
D867 MA165
D869 MA165STA5VT
D865 MA165STA5VT 1SS254T-77
D591 MA165
D592 MA4104J
D593 ERA15-02V3
D594 MA165
D595 MA4360M
D557 NTZJT-773.3A
D701 DTNL40
D703 MA165
D704 MA4360M
D856 EU02
D858 MA165 1SS254
D859 MA165
D855 FMG22CS
D851 FMG26S
D857 FMG26S
D553 MA187
D503 ERA81004V3
D502 MA4150M
D591 MA165
D592 MA4104J
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D557 NTZJT-773.3A
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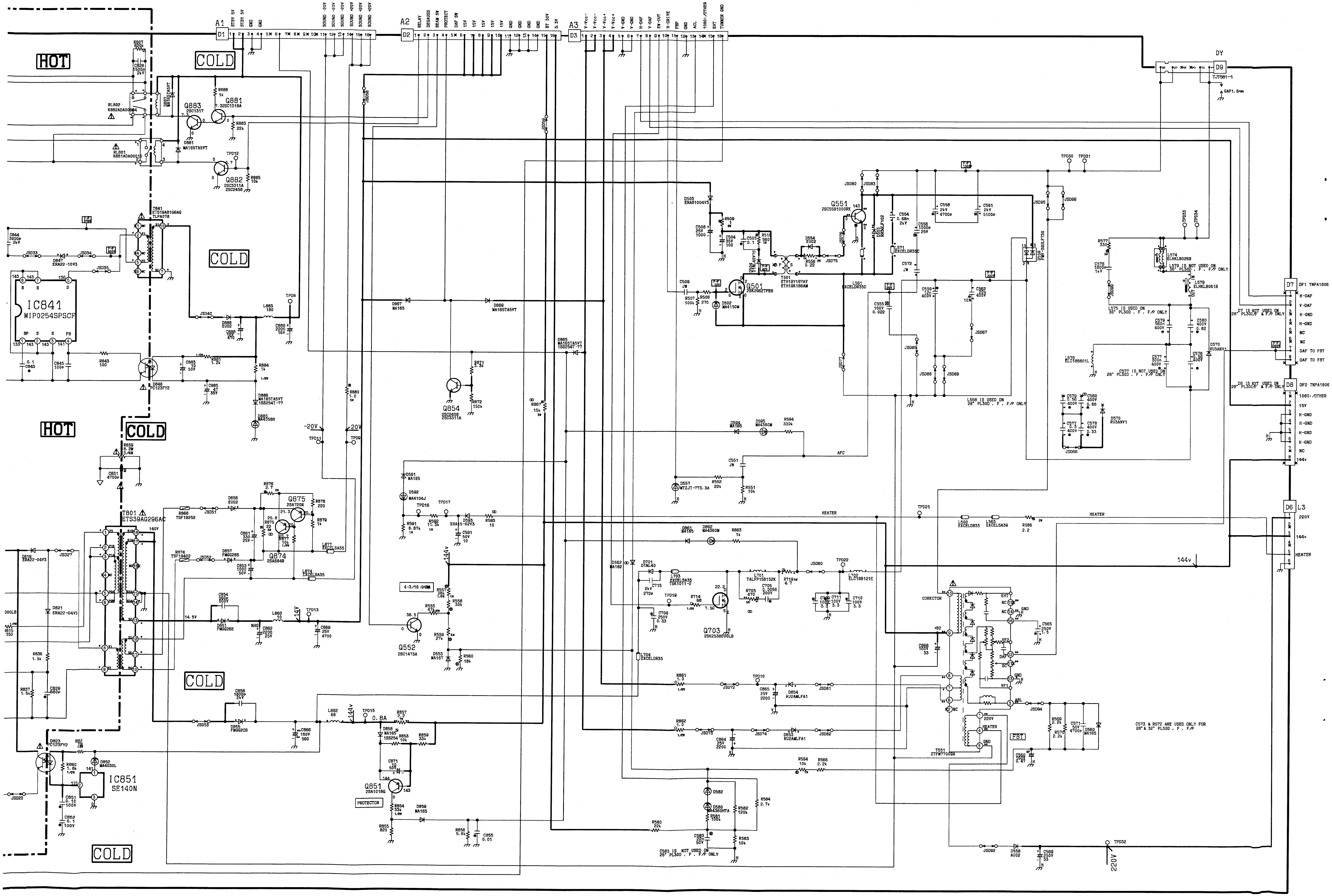
D559 MA4360M
D560 MA165
D561 MA4360M
D562 MA192



A1 D1 STBY 5V STBY 5V GND GND SOUND -20V SOUND -20V SOUND -20V SOUND +20V SOUND +20V SOUND +20V
A2 D2 RELAY DEGAUSS BEAM SW PROTECT DAF SW 15V 15V 15V 15V 15V GND GND GND GND BT 30V 3.3V
A3 D3 V-Vcc- V-Vcc- V-Vcc+ V-Vcc+ V-GND V-GND H-DAF V-DAF EW-OUT H-DRIVE FBP GND ACL 1080i/OTHER EHT TUNNER GND
DY D9 TJT581-1 GAP1.6mm
HOT
COLD
RL802 K6B2ADA00004
RL801 K6B1ADA00010
Q883 2SC1317
Q881 2SC1318A
Q882 2SC3311A 2SC2458
T841 ETS19AB1G6AG TLPA078
IC841 MIP0254SPSCF
D848 PC123FY2
T801 ETS39AG296AC
Q875 2SA720R
Q874 2SA684R
Q854 2SC2458 2SC3311A
Q552 2SC1473A
Q851 2SA1018Q
PROTECTOR
IC851 SE140N
D823 PC123FY2
4:3/16:9
Q551 2SC5591000RK
Q501 2SK2962TPE6
T501 ETH19Y187AY ETH19K186AM
Q703 2SK2538000LB
D559 FMV-3GULF730
L558 IS USED ON 28" PL30D . F . F/P ONLY
L575 IS USED ON 36" PL30D . F . F/P ONLY
L579 IS NOT USED ON 36" PL30D . F . F/P ONLY
C577 IS NOT USED ON 28" PL30D . F . F/P ONLY
D7 IS NOT USED ON 28" PL30D/F & F/P ONLY
D8 IS NOT USED ON 28" PL30D/F & F/P ONLY
D7 DF1 TNPA1806 H-DAF V-DAF H-GND H-GND NC NC DAF TO FBT DAF TO FBT
D8 DF2 TNPA1806 1080i/OTHER 15V H-GND H-GND H-GND H-GND NC 144v
D6 L3 220V 144v HEATER
AFC
HEATER
144v
CORECTOR
EHT
ABL
FBT
T551 ZTFM77009A
C583 IS NOT USED ON 28" PL30D . F . F/P ONLY
C573 & R572 ARE USED ONLY FOR 28" & 32" PL30D . F . F/P
220V

L BOARD ⚠
TNPA1726

THIS L PCB IS USED ONLY FOR
TX-28PL30D , TX-28PL30F , TX-28PL30F/P & TX-36PL30D , TX-36PL30F , TX-36PL30F/P

IC351 TDA6111Q R
IC352 TDA6111Q G
IC353 TDA6111Q B
D354 TL431CLPM
Q903 BC847B 2SD601ATX
Q902 BC847B 2SD601ATX
Q908 BC847B 2SD601ATX
Q953 BC847B 2SD601ATX
Q951 BC857B 2SB709ATX
Q952 BC847B 2SD601ATX
Q954 BC857B 2SB709ATX
Q955 2SA1535ARLB 2SA1535AQLB
Q956 2SC3944AQLB 2SC3944ARLB
Q369 BC857B
JK351 0330050049
L804 56
L951 EXCELSA35 TSK1011-2
L952 EXCELSA35 TSK1011-2
L956 EXCELSA35 TSK1011-2
L351 EXCELSA24 TSK1013
L381 6.8
L382 4.7
L383 4.7
L387 EXCELDR35
D951 R2KNLFA1
D352 ERA15-04
D355 ERA15-04
D356 ERA15-04
D383 ERA15-04
D385 ERA22-04V3
D386 ERA15-04
D360 ERA15-02V3
D361 MA151K
D362 MA151K
D363 MA151K
D358 MA151K
D364 MA3130M
D365 MA3130M
D366 MA3130M
D353 MA3110L
D369 MA3051HTX
D367 MA3051HTX
D368 MA3051HTX
D961 MA152K
TUC25643
12V
140V
210V
6.3V
TPL1
TPL2
TPL3
TPL4
TPL5
TPL6
TPL7
TPL8
TPL9
JSL1
JSL10
JSL11
JSL12
JSL13
JSL14
CRT GND
DAF CRT
FBT (SCREEN/ORANG
RED
GRN
BLU
G1 G2 G3 G3'
L12
L11
L5
L1
L2
L3
AC1
D6
210V
140V
HEATER
HEATER
ERA22-04V3
R
G
B
H

G BOARD ⚠
TNP8EG004

JK3102
TJB8E026

R L V Y C

R R-G L L-G V V-G Y-SW Y Y-G G C-G C-SW C G 7 6 2 L 3 R 1 G 4 5 9 8

L2255
10mm JW

C3107
560p

C3109
560p

L2527
EXCELSA35T

L2278
EXCELSA35T

R3116
10k

C3111
10n

C3102
33n

C3101
33n

L2524
ELEBR6R8KA

L2523
ELEB6R8KA

D3103
MA165TA5VT

D3104
MA165TA5VT

ONLY USED
ON 28"

V/Y GND C

STAND BY LED

R1043
6.8k

R1044
12k

R1045
22k

R1046
68k

S1003 EVQ23405R

S1004 EVQ23405R

S1005 EVQ23405R

S1006 EVQ23405R

S1007 EVQ23405R

TV/AV + - FUNCTION STR

SPEC: Vcc4.5V-5.3V

RM1001
RPM6937-S
ROUT GND VCC

R1083
100

R1042
JW

R1084
100
1/2W

C1043
100p

C1040
22n

C1041
47
50V

MTZJT-775.1C
D1012

A6 G1

STB5V 1
RMCN 2
GND 3
KEY SCAN 4
LED 5

R1081
3.3k

Q1003
2SC3311A

R1082
10k

D1011
LNH201RFCF6

10 9 8 7 6 5 4 3 2 1 G2

A7

COLD

COLD

HOT

HOT

C898
220n
AC250V

C899
220n
AC250V

R891
1.0M
1/2W

F801
S5055AC

L.F

L890
ELF18D486D

L891
ELF18D486D

S840
ESB92S11B

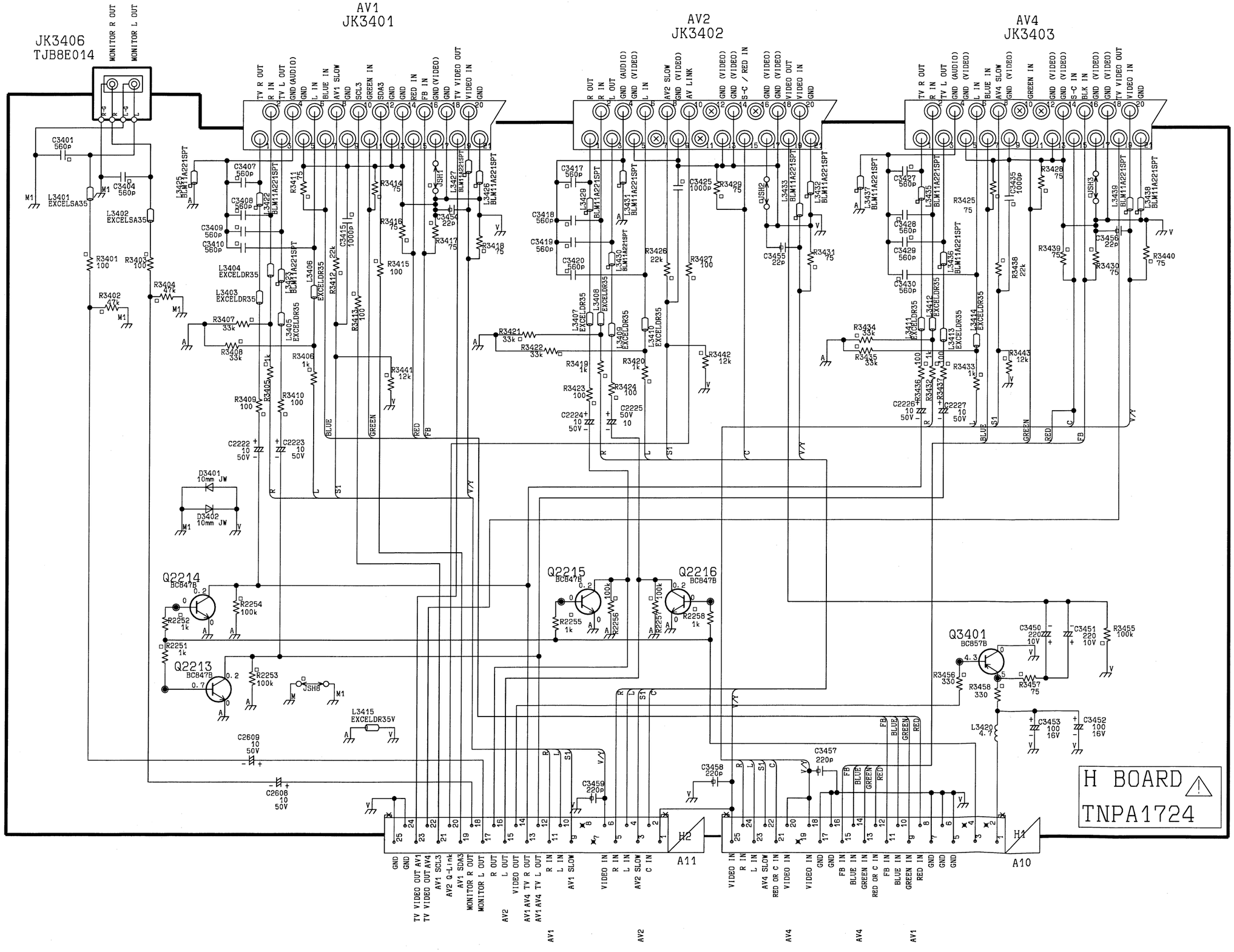
G4 D20

4 3 1 G3

BLUE

BROWN

AC CORD


JK3406
TJB8E014
MONITOR R OUT
MONITOR L OUT
AV1
JK3401
AV2
JK3402
AV4
JK3403
TV R OUT
R IN
TV L OUT
GND (AUDIO)
GND
L IN
BLUE IN
AV1 SLOW
SCL3
GREEN IN
SDA3
RED IN
FB IN
GND (VIDEO)
TV VIDEO OUT
VIDEO IN
R OUT
L OUT
AV2 SLOW
AV LINK
S-C / RED IN
VIDEO OUT
AV4 SLOW
BLK IN
S-C IN
L3401 EXCELSA35
L3402 EXCELSA35
C3401 560p
C3404 560p
R3401 100
R3403 100
R3402 47k
R3404 47k
L3404 EXCELDR35
L3403 EXCELDR35
R3407 33k
R3408 33k
R3405 1k
R3409 100
R3410 100
R3406 1k
R3412 22k
R3413 100
C3415 1000p
R3414 75
R3415 100
R3416 75
R3417 75
R3418 75
C3452 22p
C3425 1000p
R3429 75
R3426 22k
R3427 100
R3421 33k
R3422 33k
R3419 1k
R3420 1k
R3423 100
R3424 100
R3442 12k
C2224 10 50V
C2225 50V 10
C3455 22p
R3431 75
R3434 33k
R3435 33k
R3411 1k
R3412 1k
R3436 100
R3432 100
R3437 100
R3433 1k
C2226 10 50V
C2227 10 50V
R3438 22k
R3443 12k
R3428 75
R3439 75
C3456 22p
R3430 75
R3440 75
C2222 10 50V
C2223 10 50V
D3401 10mm JW
D3402 10mm JW
Q2214 BC847B
R2252 1k
R2254 100k
R2251 1k
Q2213 BC847B
R2253 100k
JSH8
L3415 EXCELDR35V
C2609 10 50V
C2608 10 50V
Q2215 BC847B
R2255 1k
R2256 100k
Q2216 BC847B
R2257 100k
R2258 1k
Q3401 BC857B
R3456 330
R3458 330
C3450 220 10V
C3451 220 10V
R3455 100k
R3457 75
C3453 100 16V
C3452 100 16V
L3420 4.7
C3458 220p
C3459 220p
C3457 220p
JSH2
JSH3
R
L
S1
C
V/Y
BLUE
GREEN
RED
FB
H2
A11
H1
A10
GND
TV VIDEO OUT AV1
TV VIDEO OUT AV4
AV1 SCL3
AV2 Q-Link
AV1 SDA3
MONITOR R OUT
MONITOR L OUT
R OUT
L OUT
VIDEO OUT
AV1 AV4 TV R OUT
AV1 AV4 TV L OUT
R IN
L IN
AV1 SLOW
VIDEO IN
AV2 SLOW
C IN
AV4 SLOW
RED OR C IN
FB IN
BLUE IN
GREEN IN
H BOARD
TNPA1724

L BOARD ⚠
TNP8EL014

THIS L BOARD IS USED FOR
TX-32PL30D , TX-32PL30F & TX-32PL30F/P

12V
140V
210V
6.3V
IC351 TDA6111Q
IC352 TDA6111Q
IC353 TDA6111Q
D354 TL431CLPM
Q902 BC847B 2SD601ATX
Q903 BC847B
Q908 BC847B
Q951 BC857B
Q952 BC847B
Q953 BC847B
Q954 BC857B
Q955 2SA1535ARLB
Q956 2SC3944AQLB
Q369 BC857B
D961 MA152K
D364 MA3130M
D365 MA3130M
D366 MA3130M
D369 MA3051HTX
D370 MA3051HTX
D371 MA3051HTX
D353 MA3110L
D381 MA151K
D382 MA151K
D383 MA151K
D356 MA151K
D351 ERA15-04
D352 ERA15-04
D355 ERA15-04
D356 ERA15-04
D383 ERA15-04
D386 ERA15-04
D360 ERA15-02V3
D385 ERA22-04V3
D953 R2KNLFA1
L904 56
L953 EXCELSA35
L954 EXCELSA35
L956 EXCELSA35
L381 6.8
L382 4.7
L383 4.7
L351 EXCELSA24
L387 EXCELDR35
JK351 TJS1A5330
JSL1
JSL2
JSL3
JSL4
JSL5
JSL6
JSL7
JSL8
JSL9
JSL10
JSL11
JSL12
JSL13
TPL1
TPL2
TPL3
TPL4
TPL5
TPL6
TPL7
TPL8
TPL9
R
G
B
DAF (ホシデン) スナップ
EARTH
FBT (SCREEN/ORANG
L12
L11
L5
L1
L2
L3
A21
D6
GND
GND
GND
210V
140V
HEATER
HEATER
6.3V

U BOARD ⚠
TNPA2042

4M-FLASH

IC1102 8M-FLASH (Fujitu MBM29LV800BA-70PFTN-SFK)
TVSA0399 (Panasonic TCFVB800FT85)

IC1101
SDA6000-A23

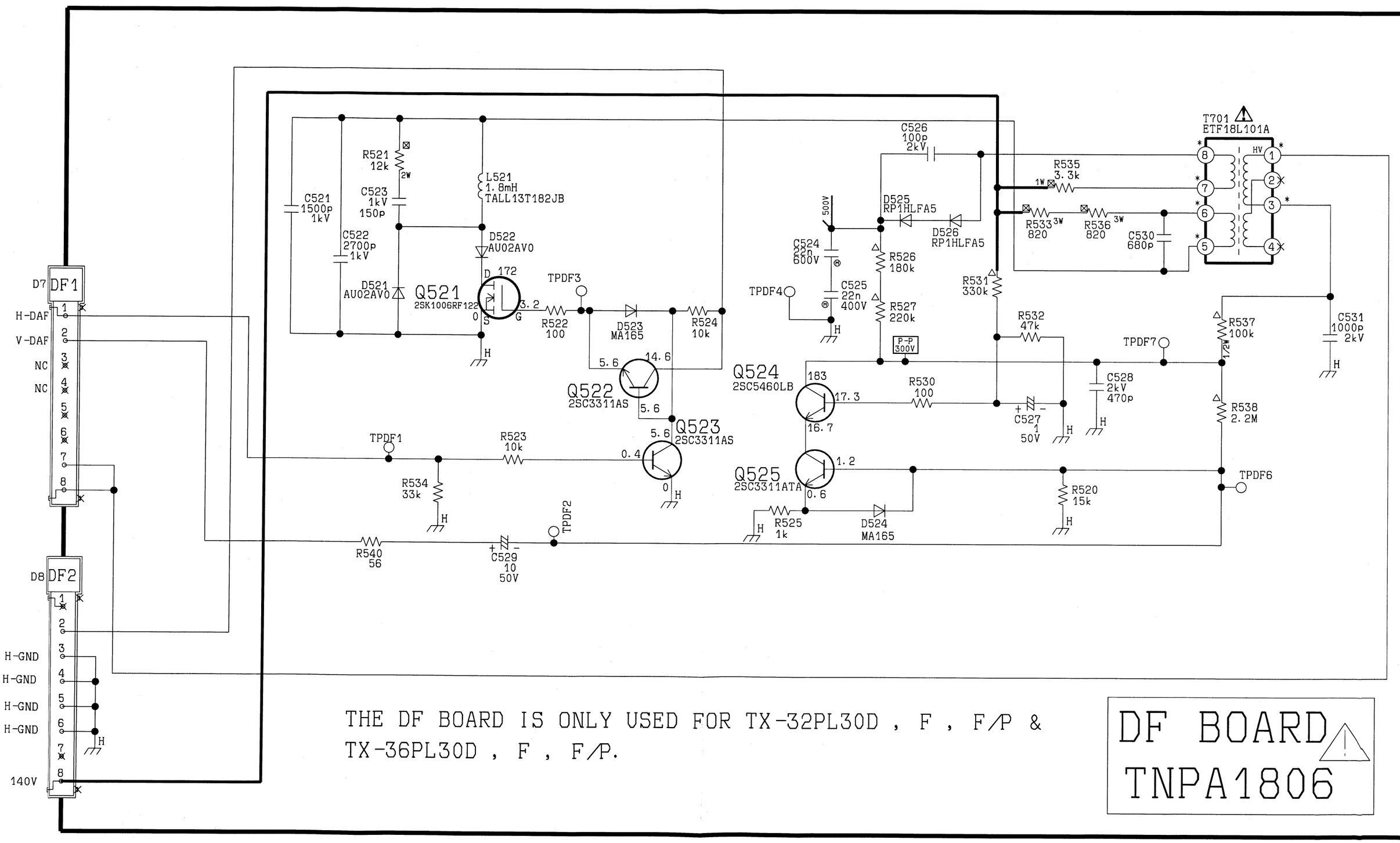
IC1103
TVSA0395

IC1110
PST9128NR

Q1125 BC847B
Q1126 BC847B
Q1123 2SD601ATX

U2 (TJS008ASA)
U1 (TJS008ASA)

STB 5V
9V
3.3V
2.5V
MCP 5V
TV/PC
SUB AV1/AV2
RMCON IN
AFC2
KEY INPUT
OSDB
OSDR
OSDG
CVBS1A
AFC1
PROTECT
MAIN AV1.4/AV2
NECK MUTE
RST IN
SCL0
SDA0
SERVICE MODE
LED
INTER-SP MUTE
VDU RESET
BEAM SW
RELAY
FREE RUN
SOUND DEF
5V DET
DEGAUSS
OSDYS
SCL1
SDA1
SCL2
SDA2
VS
COR
HS
DAF SW
A-OUT
RESET
DIGITAL ERR
AV-LINK IN
AV-LINK OUT (MONITOR SOUND DEF)
Universal Asynchroncus Receiver Transmitter
メッセージBus
2.25-2.75V
3.0-3.6V

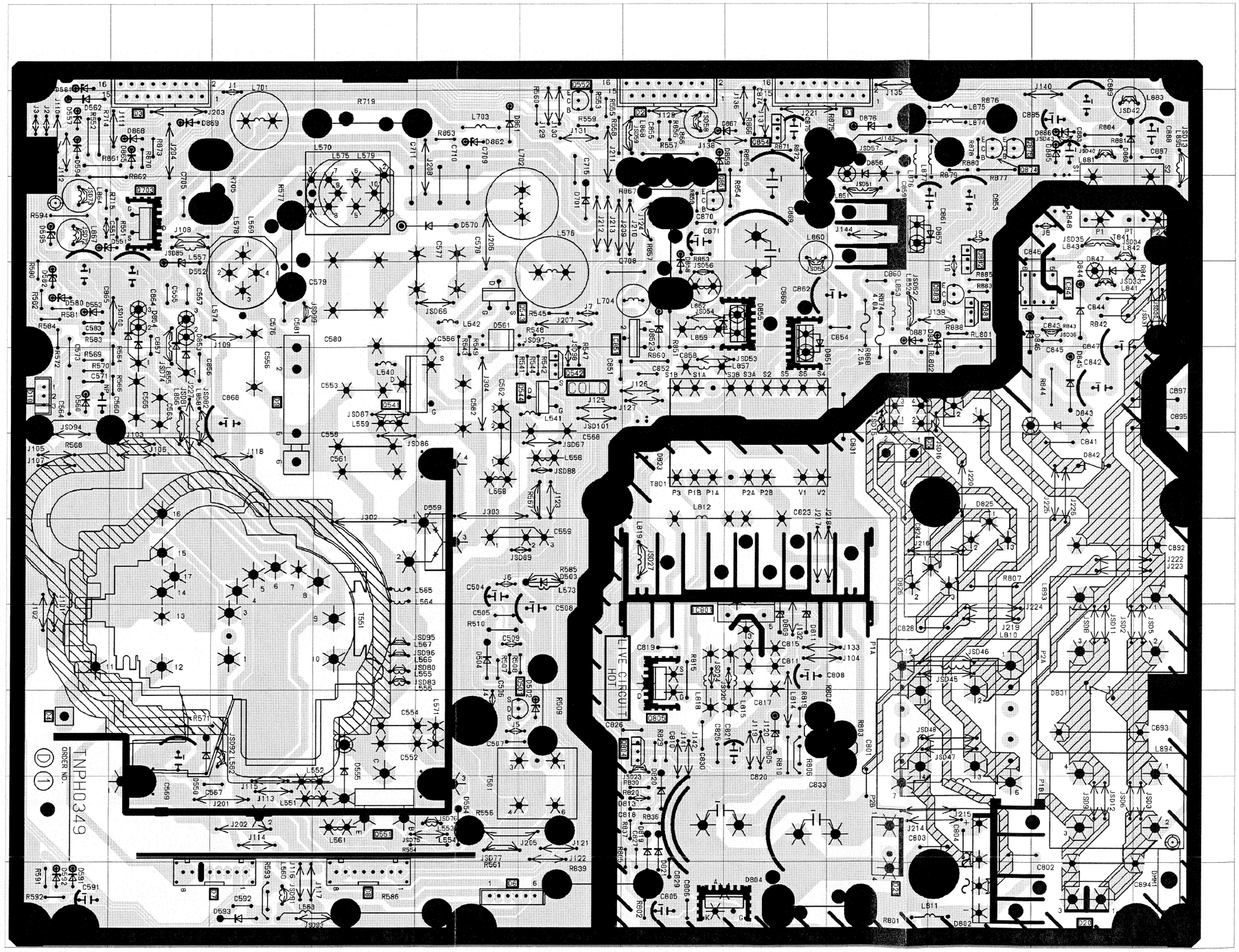


THE DF BOARD IS ONLY USED FOR TX-32PL30D , F , F/P & TX-36PL30D , F , F/P.

DF BOARD
TNPA1806

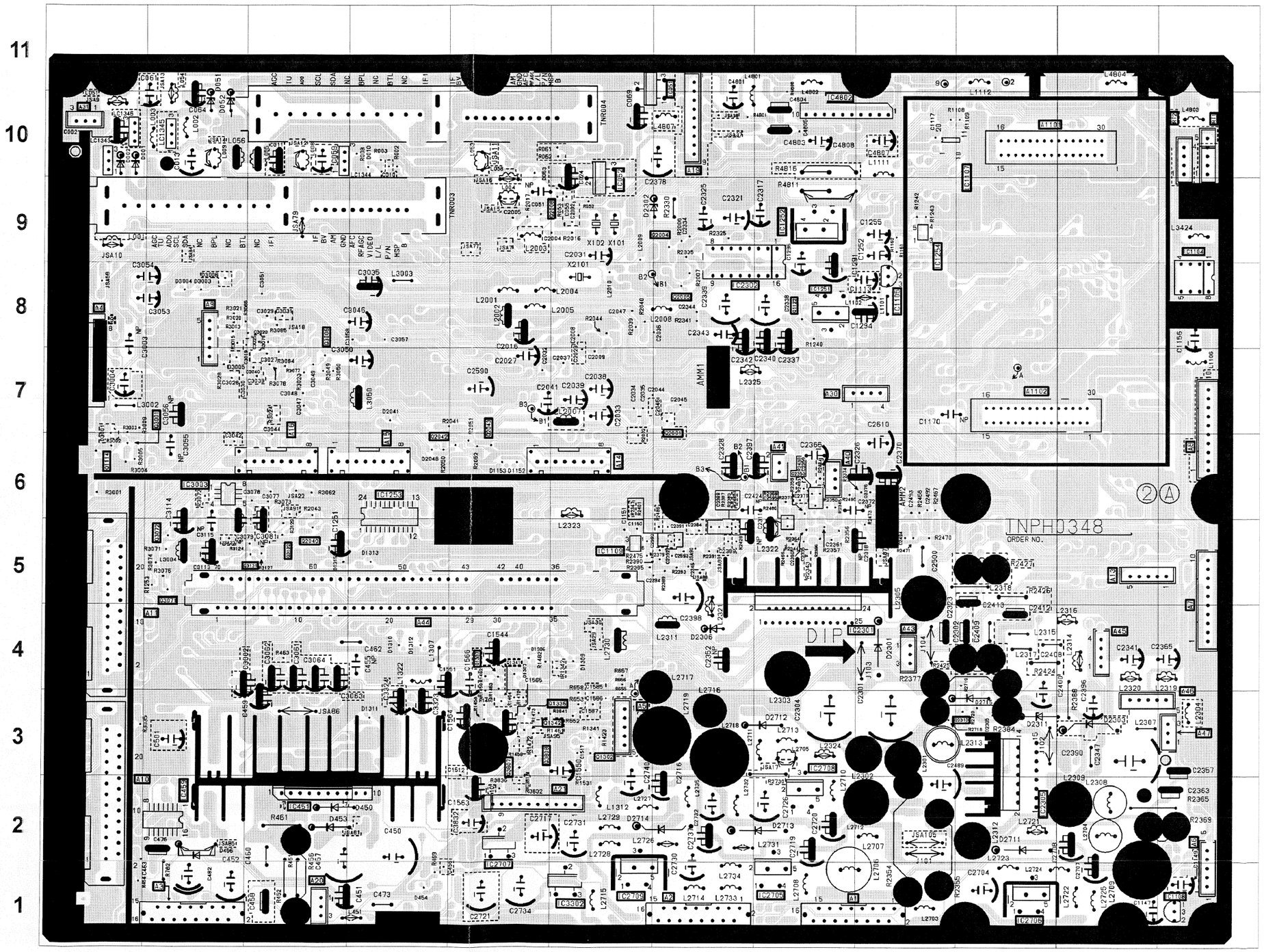
D – DOARD – TNPH0349

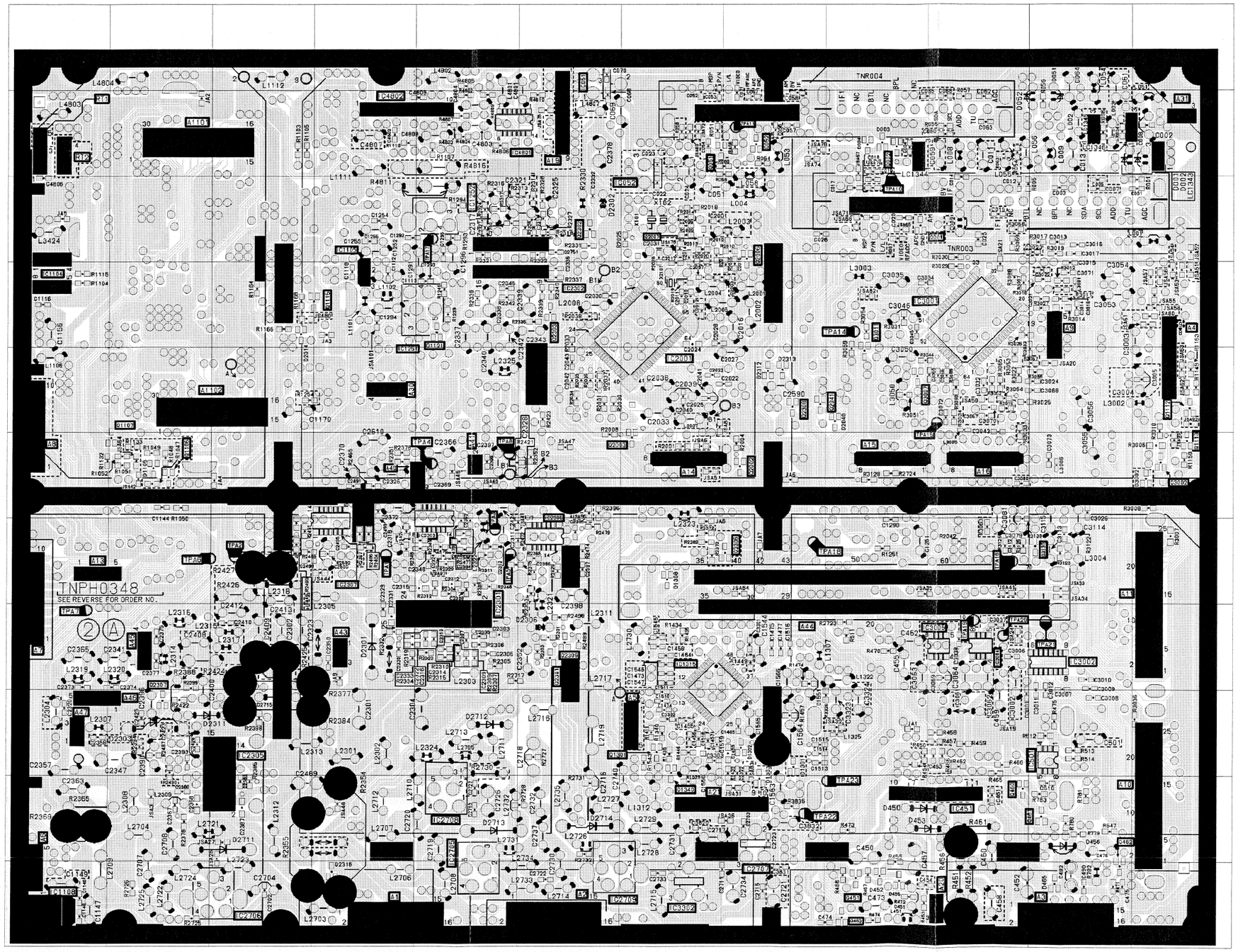
DIODES		D851	H8
D502	F3	D852	G8
D503	F5	D853	B8
D504	E4	D854	B8
D551	B9	D855	H8
D552	B8	D856	I10
D553	A8	D857	J9
D554	E2	D858	G8
D555	D3	D859	H10
D557	A10	D861	E10
D558	B2	D862	E10
D559	E6	D865	B10
D560	A7	D867	H10
D561	E8	D868	B10
D562	A10	D869	B10
D570	A8	D876	I10
D580	A8	D881	J8
D582	C8	D885	K10
D584	A11	D886	K10
D591	A1	D887	I8
D592	A1	D888	K10
D593	B1		
D594	A10	**TRANS**	
D595	A9	Q501	F4
D701	F9	Q541	D7
D802	J1	Q542	F7
D804	H1	Q543	F8
D805	H3	Q544	F7
D809	H4	Q551	D2
D811	H4	Q552	F11
D813	G2	Q703	B9
D819	G2	Q804	G3
D820	G2	Q805	G3
D821	G1	Q851	G9
D823	G6	Q854	H10
D825	J6	Q874	J10
D826	I5	Q875	J10
D831	K3	Q881	J8
D842	K6	Q882	J8
D843	K7	Q883	J8
D844	K8		
D845	K7	**I.C.'S**	
D846	K8	IC801	G4
D847	K8	IC841	K8
D848	K9	IC851	F8



A – BOARD – TNPH0348

DIODES		I.C.'S		TRANS	
D001	A10	IC051	G10	Q1114	A6
D002	A10	IC052	F9	Q1122	H8
D051	B11	IC451	C2	Q1302	F3
D052	B8	IC459	B2	Q1336	F3
D053	E10	IC1104	L9	Q1337	D4
D450	D2	IC1105	I8	Q1341	D4
D453	C5	IC1107	J10	Q1342	E3
D454	D1	IC1108	L1	Q2004	G9
D1152	D6	IC1109	F5	Q2008	E9
D1153	D6	IC1251	H8	Q2040	C5
D1301	D4	IC1252	H9	Q2042	D6
D1306	D4	IC1253	D6	Q2043	E7
D1307	D4	IC1254	I9	Q2201	G6
D1309	F4	IC2004	E9	Q2205	G8
D1311	D3	IC2301	I4	Q2310	J3
D1312	D4	IC2302	G8	Q3001	B7
D1313	D5	IC2305	J2	Q3006	C8
D2035	D3	IC2705	H1	Q3071	B5
D2041	D7	IC2706	J1	Q3072	B5
D2048	D6	IC2707	E1	Q3132	C5
D2302	F9	IC2708	H3	Q3807	E3
D2303	K3	IC2709	F1	Q3808	E3
D2306	G2	IC3003	B6		
D2311	D3	IC3302	F1		
D2711	J2	IC4802	H10		
D2712	H3				
D2713	H2				
D3001	A7				
D3003	B8				
D3004	B8				
D3005	B7				
D3077	C6				



A – BOARD - TNPH0348

TRANS		I.C.'S	
Q001	J9	IC051	I10
Q002	I9	IC052	E9
Q051	G10	IC451	J2
Q052	H10	IC501	J2
Q451	I1	IC1104	A8
Q453	I1	IC1105	D9
Q460	J2	IC1108	A1
Q461	K2	IC1251	D7
Q462	K2	IC1252	E9
Q1106	B6	IC1315	G3
Q1107	B7	IC2001	G7
Q1112	K7	IC2301	E4
Q1113	C6	IC2302	F8
Q1115	D8	IC2305	C3
Q1121	E7	IC2306	I5
Q1301	G2	IC2307	D5
Q1340	G2	IC2425	B3
Q2002	G6	IC2705	E1
Q2003	G6	IC2708	E2
Q2005	H9	IC2709	G1
Q2041	I7	IC3001	I8
Q2301	F4	IC3002	K4
Q2302	F9	IC3004	J4
Q2303	F8	IC3005	J4
Q2306	G5	IC3302	G1
Q2307	B3	IC4801	F9
Q2308	H7	IC4802	D10
Q2309	F4		
Q3002	L6	**DIODES**	
Q3011	I8	D001	L9
Q3130	K5	D002	L9
		D003	I10
T.P.'S		D052	J10
TPA1	D5	D450	I2
TPA2	C5	D454	I2
TPA3	E6	D1308	G5
TPA4	E6	D2027	H7
TPA5	E4	D2040	I7
TPA6	B5	D2301	D4
TPA7	A5	D2302	F9
TPA8	E6	D2303	B3
TPA10	I6	D2311	C3
TPA11	H10	D2312	H7
TPA14	I8	D2313	H7
TPA15	J6	D2314	C7
TPA16	J5	D2316	D1
TPA17	E9	D2711	C2
TPA18	I5	D2714	F2
TPA19	J4	D2715	C3
TPA20	J4	D3002	L6
TPA21	K4	D3007	J6
TPA22	H2		
TPA23	I2